

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
 Data File : VY011131.D
 Acq On : 27 Oct 2022 11:57
 Operator : KP/MD
 Sample : VY1027SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1027SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 28 00:45:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	219548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	356343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	319065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	163154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	86102	42.575	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.160%		
35) Dibromofluoromethane	7.716	113	92632	46.483	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.960%		
50) Toluene-d8	10.179	98	315287	42.375	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	84.740%		
62) 4-Bromofluorobenzene	12.477	95	118395	44.589	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	29439	20.215	ug/l	99
3) Chloromethane	2.113	50	39569	18.939	ug/l	96
4) Vinyl Chloride	2.247	62	46378	19.585	ug/l	99
5) Bromomethane	2.637	94	32481	19.831	ug/l	98
6) Chloroethane	2.783	64	31742	20.059	ug/l	100
7) Trichlorofluoromethane	3.119	101	74551	21.509	ug/l	93
8) Diethyl Ether	3.527	74	26066	20.153	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.893	101	48153	22.149	ug/l	92
10) Methyl Iodide	4.082	142	49468	18.595	ug/l	92
11) Tert butyl alcohol	4.942	59	30916	124.940	ug/l	97
12) 1,1-Dichloroethene	3.869	96	43294	20.788	ug/l	80
13) Acrolein	3.722	56	24327	74.616	ug/l	99
14) Allyl chloride	4.472	41	66962	20.275	ug/l #	86
15) Acrylonitrile	5.155	53	68546	101.669	ug/l	98
16) Acetone	3.942	43	57510	97.925	ug/l #	84
17) Carbon Disulfide	4.186	76	114236	18.710	ug/l	97
18) Methyl Acetate	4.472	43	38988	22.022	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	115915	19.920	ug/l	100
20) Methylene Chloride	4.710	84	73797	25.773	ug/l	85
21) trans-1,2-Dichloroethene	5.216	96	49325	20.979	ug/l	88
22) Diisopropyl ether	6.118	45	150942	21.339	ug/l #	91
23) Vinyl Acetate	6.057	43	408149	96.494	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	92437	21.644	ug/l	98
25) 2-Butanone	6.984	43	85744	96.273	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	82007	21.624	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	57154	21.092	ug/l	90
28) Bromochloromethane	7.325	49	20696	16.233	ug/l	89
29) Tetrahydrofuran	7.344	42	53571	97.764	ug/l #	86
30) Chloroform	7.502	83	97026	22.538	ug/l	100
31) Cyclohexane	7.783	56	76171	19.683	ug/l	85
32) 1,1,1-Trichloroethane	7.697	97	83614	22.096	ug/l	96
36) 1,1-Dichloropropene	7.917	75	70092	21.130	ug/l	99
37) Ethyl Acetate	7.069	43	37042	20.169	ug/l #	93
38) Carbon Tetrachloride	7.898	117	75636	22.088	ug/l	98
39) Methylcyclohexane	9.179	83	78585	19.779	ug/l	93
40) Benzene	8.154	78	208131	21.384	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
 Data File : VY011131.D
 Acq On : 27 Oct 2022 11:57
 Operator : KP/MD
 Sample : VY1027SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1027SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 28 00:45:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	20135m	20.231	ug/l	
42) 1,2-Dichloroethane	8.234	62	57067	21.160	ug/l	90
43) Isopropyl Acetate	8.270	43	64492	19.654	ug/l #	88
44) Trichloroethene	8.935	130	55846	21.173	ug/l	95
45) 1,2-Dichloropropane	9.215	63	53806	21.788	ug/l	100
46) Dibromomethane	9.301	93	29207	21.205	ug/l	96
47) Bromodichloromethane	9.496	83	73688	22.200	ug/l	99
48) Methyl methacrylate	9.295	41	28678	19.528	ug/l #	76
49) 1,4-Dioxane	9.301	88	8346	421.732	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	183665	100.364	ug/l	89
52) Toluene	10.239	92	131439	21.737	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	71697	20.793	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	82585	20.929	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	43414	21.849	ug/l	97
56) Ethyl methacrylate	10.508	69	52232	19.792	ug/l #	75
57) 1,3-Dichloropropane	10.788	76	72859	21.326	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	86487	78.702	ug/l	97
59) 2-Hexanone	10.831	43	124222	98.820	ug/l	86
60) Dibromochloromethane	10.983	129	52346	22.154	ug/l	99
61) 1,2-Dibromoethane	11.087	107	39841	20.938	ug/l	99
64) Tetrachloroethene	10.715	164	53648	21.600	ug/l	95
65) Chlorobenzene	11.514	112	141132	21.545	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	53314	21.989	ug/l	97
67) Ethyl Benzene	11.593	91	248530	21.446	ug/l	98
68) m/p-Xylenes	11.703	106	194520	43.634	ug/l	94
69) o-Xylene	12.026	106	89112	21.051	ug/l	95
70) Styrene	12.044	104	156008	21.750	ug/l	96
71) Bromoform	12.209	173	32311	21.593	ug/l #	100
73) Isopropylbenzene	12.331	105	243623	20.553	ug/l	99
74) N-amyl acetate	12.142	43	54382	18.082	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.581	83	51346	20.640	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	36662m	19.792	ug/l	
77) Bromobenzene	12.605	156	56265	20.307	ug/l	99
78) n-propylbenzene	12.672	91	300605	20.844	ug/l	100
79) 2-Chlorotoluene	12.751	91	169550	20.876	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	210406	21.274	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	16990	19.727	ug/l	86
82) 4-Chlorotoluene	12.855	91	174372	20.620	ug/l	99
83) tert-Butylbenzene	13.074	119	177556	20.761	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	207282	21.254	ug/l	99
85) sec-Butylbenzene	13.251	105	270700	21.064	ug/l	100
86) p-Isopropyltoluene	13.367	119	221904	20.814	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	115175	20.828	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	113130	20.576	ug/l	98
89) n-Butylbenzene	13.696	91	206047	20.682	ug/l	99
90) Hexachloroethane	13.958	117	45319	21.539	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	102897	20.798	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8280	20.131	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	57264	19.367	ug/l	99
94) Hexachlorobutadiene	15.111	225	36659	21.063	ug/l	99
95) Naphthalene	15.232	128	112218	18.636	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	50217	19.467	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
Data File : VY011131.D
Acq On : 27 Oct 2022 11:57
Operator : KP/MD
Sample : VY1027SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 28 00:45:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
 Data File : VY011131.D
 Acq On : 27 Oct 2022 11:57
 Operator : KP/MD
 Sample : VY1027SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1027SBS01

Quant Time: Oct 28 00:45:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022

