

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120222\
 Data File : VY011677.D
 Acq On : 02 Dec 2022 12:50
 Operator : KP/MD
 Sample : VY1202SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1202SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/05/2022
 Supervised By :Mahesh Dadoda 12/05/2022

Quant Time: Dec 02 23:51:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	192553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	299607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	269713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	99071	50.671	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.340%			
35) Dibromofluoromethane	7.716	113	97171	52.685	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.380%			
50) Toluene-d8	10.179	98	335973	50.129	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.260%			
62) 4-Bromofluorobenzene	12.483	95	129170	52.126	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	33701	29.642	ug/l	98
3) Chloromethane	2.113	50	36550	19.635	ug/l	100
4) Vinyl Chloride	2.253	62	41654	19.126	ug/l	100
5) Bromomethane	2.644	94	27885	17.457	ug/l	100
6) Chloroethane	2.790	64	27044	17.798	ug/l	97
7) Trichlorofluoromethane	3.125	101	71710	22.447	ug/l	94
8) Diethyl Ether	3.528	74	21805	21.119	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.899	101	40289	21.810	ug/l	96
10) Methyl Iodide	4.088	142	45949	21.350	ug/l	95
11) Tert butyl alcohol	4.942	59	33791	147.238	ug/l #	94
12) 1,1-Dichloroethene	3.875	96	36994	21.862	ug/l	84
13) Acrolein	3.729	56	6823	132.349	ug/l	97
14) Allyl chloride	4.479	41	61648	20.753	ug/l #	93
15) Acrylonitrile	5.161	53	56363	99.946	ug/l	99
16) Acetone	3.948	43	58623	92.309	ug/l	91
17) Carbon Disulfide	4.192	76	98940	21.097	ug/l	99
18) Methyl Acetate	4.479	43	32401	20.628	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	101729	21.065	ug/l	93
20) Methylene Chloride	4.716	84	65825	21.534	ug/l #	88
21) trans-1,2-Dichloroethene	5.216	96	41821	21.387	ug/l	92
22) Diisopropyl ether	6.119	45	132964	20.506	ug/l	97
23) Vinyl Acetate	6.064	43	368210	97.486	ug/l	96
24) 1,1-Dichloroethane	6.015	63	80121	21.045	ug/l	99
25) 2-Butanone	6.984	43	78148	93.632	ug/l	93
26) 2,2-Dichloropropane	6.984	77	75088	21.370	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	48546	21.088	ug/l	93
28) Bromochloromethane	7.332	49	28502	18.636	ug/l	90
29) Tetrahydrofuran	7.344	42	44088	93.536	ug/l	90
30) Chloroform	7.509	83	83433	21.132	ug/l	98
31) Cyclohexane	7.783	56	66929	20.652	ug/l	88
32) 1,1,1-Trichloroethane	7.697	97	75565	21.395	ug/l	96
36) 1,1-Dichloropropene	7.917	75	60381	20.944	ug/l	98
37) Ethyl Acetate	7.070	43	32668	19.899	ug/l	98
38) Carbon Tetrachloride	7.899	117	69567	21.568	ug/l	99
39) Methylcyclohexane	9.185	83	68410	21.263	ug/l	95
40) Benzene	8.161	78	178505	21.256	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120222\
 Data File : VY011677.D
 Acq On : 02 Dec 2022 12:50
 Operator : KP/MD
 Sample : VY1202SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1202SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/05/2022
 Supervised By :Mahesh Dadoda 12/05/2022

Quant Time: Dec 02 23:51:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	16030m	19.312	ug/l	
42) 1,2-Dichloroethane	8.240	62	53051	20.426	ug/l	94
43) Isopropyl Acetate	8.271	43	56939	19.226	ug/l #	91
44) Trichloroethene	8.941	130	46945	20.776	ug/l	99
45) 1,2-Dichloropropane	9.216	63	44092	20.541	ug/l	96
46) Dibromomethane	9.307	93	24352	20.289	ug/l	96
47) Bromodichloromethane	9.496	83	62484	20.668	ug/l	99
48) Methyl methacrylate	9.295	41	24706	18.781	ug/l #	86
49) 1,4-Dioxane	9.295	88	5749	386.777	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	152996	92.932	ug/l	92
52) Toluene	10.246	92	112271	21.141	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	61236	20.263	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	69058	20.313	ug/l #	89
55) 1,1,2-Trichloroethane	10.648	97	34643	20.175	ug/l	97
56) Ethyl methacrylate	10.508	69	42301	19.807	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	59038	20.301	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	107011	102.313	ug/l	95
59) 2-Hexanone	10.831	43	108105	92.003	ug/l	92
60) Dibromochloromethane	10.983	129	43770	20.800	ug/l	99
61) 1,2-Dibromoethane	11.087	107	31451	20.066	ug/l	100
64) Tetrachloroethene	10.721	164	48695	21.909	ug/l	98
65) Chlorobenzene	11.514	112	119721	21.198	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	46470	21.709	ug/l	98
67) Ethyl Benzene	11.593	91	216066	21.188	ug/l	99
68) m/p-Xylenes	11.703	106	166095	42.787	ug/l	98
69) o-Xylene	12.032	106	77652	21.485	ug/l	96
70) Styrene	12.044	104	132553	21.486	ug/l	97
71) Bromoform	12.209	173	25942	19.920	ug/l #	99
73) Isopropylbenzene	12.331	105	214807	22.061	ug/l	99
74) N-amyl acetate	12.142	43	47176	19.620	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	38575	20.105	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	30572m	21.085	ug/l	
77) Bromobenzene	12.605	156	48874	21.496	ug/l	95
78) n-propylbenzene	12.672	91	260299	21.912	ug/l	99
79) 2-Chlorotoluene	12.758	91	146257	21.844	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	181996	22.173	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	13686	20.675	ug/l	89
82) 4-Chlorotoluene	12.855	91	153016	21.856	ug/l	100
83) tert-Butylbenzene	13.075	119	156911	21.948	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	178631	22.035	ug/l	100
85) sec-Butylbenzene	13.251	105	235268	22.055	ug/l	100
86) p-Isopropyltoluene	13.367	119	193283	21.711	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	98308	21.241	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	95869	20.715	ug/l	98
89) n-Butylbenzene	13.696	91	179722	21.961	ug/l	100
90) Hexachloroethane	13.959	117	37783	21.017	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	86746	21.144	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6190	19.672	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	49410	21.713	ug/l	98
94) Hexachlorobutadiene	15.111	225	32050	22.658	ug/l	99
95) Naphthalene	15.233	128	87077	20.806	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	40938	20.992	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120222\
Data File : VY011677.D
Acq On : 02 Dec 2022 12:50
Operator : KP/MD
Sample : VY1202SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1202SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

Quant Time: Dec 02 23:51:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration

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

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

