

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010810.D
 Acq On : 05 Oct 2022 11:29
 Operator : KP/MD
 Sample : VY1005SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1005SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/06/2022
 Supervised By :Mahesh Dadoda 10/06/2022

Quant Time: Oct 06 09:15:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	249400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	405497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	362119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	176207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	127318	50.364	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.720%			
35) Dibromofluoromethane	7.716	113	121867	45.275	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.540%			
50) Toluene-d8	10.179	98	486504	52.850	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.700%			
62) 4-Bromofluorobenzene	12.477	95	158230	43.520	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 87.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	35363	20.467	ug/l	98
3) Chloromethane	2.113	50	59250	20.617	ug/l	96
4) Vinyl Chloride	2.247	62	69294	20.025	ug/l	99
5) Bromomethane	2.638	94	48443	19.729	ug/l	97
6) Chloroethane	2.784	64	45557	19.754	ug/l	99
7) Trichlorofluoromethane	3.119	101	88459	20.991	ug/l	93
8) Diethyl Ether	3.528	74	28143	20.758	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	51452	21.296	ug/l	94
10) Methyl Iodide	4.088	142	60095	18.607	ug/l	92
11) Tert butyl alcohol	4.930	59	40839	167.232	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	48642	20.629	ug/l	85
13) Acrolein	3.723	56	22272	120.248	ug/l	99
14) Allyl chloride	4.473	41	75875	21.496	ug/l #	92
15) Acrylonitrile	5.155	53	72980	110.496	ug/l	97
16) Acetone	3.942	43	60540	94.293	ug/l #	89
17) Carbon Disulfide	4.186	76	158763	20.835	ug/l	100
18) Methyl Acetate	4.473	43	37279	22.730	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	125371	20.311	ug/l	99
20) Methylene Chloride	4.704	84	65679	20.236	ug/l	84
21) trans-1,2-Dichloroethene	5.216	96	55896	20.301	ug/l	91
22) Diisopropyl ether	6.112	45	165349	21.360	ug/l #	95
23) Vinyl Acetate	6.058	43	489078	104.300	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	99360	21.077	ug/l	99
25) 2-Butanone	6.984	43	93838	101.659	ug/l #	90
26) 2,2-Dichloropropane	6.972	77	88692	19.821	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	62302	20.389	ug/l	91
28) Bromochloromethane	7.332	49	21049	15.635	ug/l	93
29) Tetrahydrofuran	7.344	42	58644	108.037	ug/l	88
30) Chloroform	7.503	83	98886	20.326	ug/l	98
31) Cyclohexane	7.783	56	94069	20.789	ug/l	89
32) 1,1,1-Trichloroethane	7.698	97	89385	20.395	ug/l	97
36) 1,1-Dichloropropene	7.911	75	79851	20.550	ug/l	99
37) Ethyl Acetate	7.070	43	41098	21.553	ug/l	95
38) Carbon Tetrachloride	7.899	117	81295	20.087	ug/l	98
39) Methylcyclohexane	9.179	83	96086	20.131	ug/l	94
40) Benzene	8.155	78	229233	20.479	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010810.D
 Acq On : 05 Oct 2022 11:29
 Operator : KP/MD
 Sample : VY1005SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1005SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/06/2022
 Supervised By :Mahesh Dadoda 10/06/2022

Quant Time: Oct 06 09:15:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	18891m	18.622	ug/l	
42) 1,2-Dichloroethane	8.234	62	64931	20.518	ug/l	92
43) Isopropyl Acetate	8.271	43	70505	20.429	ug/l #	90
44) Trichloroethene	8.935	130	60871	20.084	ug/l	99
45) 1,2-Dichloropropane	9.216	63	55889	20.711	ug/l	95
46) Dibromomethane	9.301	93	31702	20.539	ug/l	95
47) Bromodichloromethane	9.496	83	76643	20.576	ug/l	99
48) Methyl methacrylate	9.289	41	33609	20.734	ug/l #	85
49) 1,4-Dioxane	9.295	88	8247	434.046	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	199916	105.879	ug/l	92
52) Toluene	10.240	92	143842	20.192	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	75929	19.689	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	89101	20.176	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	43509	20.089	ug/l	98
56) Ethyl methacrylate	10.508	69	54487	19.580	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	76329	20.729	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	98582	87.585	ug/l	98
59) 2-Hexanone	10.831	43	135481	103.600	ug/l	92
60) Dibromochloromethane	10.984	129	52171	20.091	ug/l	100
61) 1,2-Dibromoethane	11.087	107	41799	20.241	ug/l	99
64) Tetrachloroethene	10.715	164	58383	20.334	ug/l	98
65) Chlorobenzene	11.514	112	150158	20.024	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	53610	19.559	ug/l	97
67) Ethyl Benzene	11.593	91	268615	19.904	ug/l	97
68) m/p-Xylenes	11.703	106	209701	39.704	ug/l	96
69) o-Xylene	12.026	106	98024	19.851	ug/l	93
70) Styrene	12.044	104	165713	19.912	ug/l	96
71) Bromoform	12.203	173	32419	19.870	ug/l #	99
73) Isopropylbenzene	12.331	105	259728	20.050	ug/l	100
74) N-amyl acetate	12.142	43	59638	20.032	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	50173	20.731	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	36562m	20.489	ug/l	
77) Bromobenzene	12.605	156	58866	19.809	ug/l	98
78) n-propylbenzene	12.672	91	322752	20.458	ug/l	99
79) 2-Chlorotoluene	12.752	91	177979	20.164	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	223012	20.355	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	17147	20.073	ug/l	89
82) 4-Chlorotoluene	12.849	91	183413	19.873	ug/l	100
83) tert-Butylbenzene	13.075	119	187499	20.073	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	219200	20.349	ug/l	99
85) sec-Butylbenzene	13.251	105	285319	20.292	ug/l	100
86) p-Isopropyltoluene	13.367	119	234934	19.916	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	119845	19.870	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	120117	20.112	ug/l	98
89) n-Butylbenzene	13.697	91	221926	20.444	ug/l	100
90) Hexachloroethane	13.959	117	44756	19.835	ug/l	90
91) 1,2-Dichlorobenzene	13.733	146	106993	20.352	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8075	20.749	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	61767	20.024	ug/l	99
94) Hexachlorobutadiene	15.111	225	38921	20.465	ug/l	98
95) Naphthalene	15.233	128	116931	19.890	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	52091	19.810	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
Data File : VY010810.D
Acq On : 05 Oct 2022 11:29
Operator : KP/MD
Sample : VY1005SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1005SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

Quant Time: Oct 06 09:15:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:26:22 2022
Response via : Initial Calibration

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

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

