

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016593.D
 Acq On : 05 Dec 2023 13:32
 Operator : SY/MD
 Sample : VY1205SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS02

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/06/2023
 Supervised By :Semsettin Yesilyurt 12/06/2023

Quant Time: Dec 06 02:23:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	200217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	293947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	249932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.441	152	121054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	100909	54.529	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.060%			
35) Dibromofluoromethane	7.740	113	101365	57.301	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.600%			
50) Toluene-d8	10.197	98	380578	56.877	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 113.760%			
62) 4-Bromofluorobenzene	12.496	95	127261	57.834	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 115.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	44788	25.324	ug/l	95
3) Chloromethane	2.125	50	36129	19.692	ug/l	94
4) Vinyl Chloride	2.266	62	36991	19.965	ug/l	97
5) Bromomethane	2.668	94	23795	20.502	ug/l	99
6) Chloroethane	2.808	64	23343	20.396	ug/l	96
7) Trichlorofluoromethane	3.144	101	82671	23.603	ug/l	98
8) Diethyl Ether	3.546	74	20444	20.957	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.918	101	43937	22.431	ug/l	97
10) Methyl Iodide	4.119	142	48694	23.529	ug/l	100
11) Tert butyl alcohol	4.979	59	12417	98.481	ug/l #	80
12) 1,1-Dichloroethene	3.893	96	40351	22.678	ug/l	91
13) Acrolein	3.747	56	17041	92.965	ug/l	99
14) Allyl chloride	4.509	41	55975	20.614	ug/l #	92
15) Acrylonitrile	5.186	53	39417	100.112	ug/l	98
16) Acetone	3.967	43	52868	126.249	ug/l	93
17) Carbon Disulfide	4.223	76	105018	21.052	ug/l	100
18) Methyl Acetate	4.503	43	30230	18.212	ug/l	94
19) Methyl tert-butyl Ether	5.247	73	94327	21.566	ug/l	97
20) Methylene Chloride	4.747	84	47051	23.716	ug/l #	83
21) trans-1,2-Dichloroethene	5.247	96	44437	22.208	ug/l	91
22) Diisopropyl ether	6.143	45	115396	20.663	ug/l #	90
23) Vinyl Acetate	6.088	43	278950	104.048	ug/l #	91
24) 1,1-Dichloroethane	6.045	63	73830	21.519	ug/l	99
25) 2-Butanone	7.009	43	64070	111.266	ug/l	90
26) 2,2-Dichloropropane	7.009	77	75109	23.286	ug/l	100
27) cis-1,2-Dichloroethene	7.015	96	49398	22.428	ug/l	92
28) Bromochloromethane	7.356	49	25731	18.515	ug/l #	76
29) Tetrahydrofuran	7.375	42	31246	95.176	ug/l	91
30) Chloroform	7.533	83	80857	22.108	ug/l	97
31) Cyclohexane	7.807	56	64617	20.454	ug/l	87
32) 1,1,1-Trichloroethane	7.722	97	81426	23.525	ug/l	98
36) 1,1-Dichloropropene	7.941	75	61202	22.760	ug/l	98
37) Ethyl Acetate	7.094	43	23091	20.522	ug/l #	96
38) Carbon Tetrachloride	7.923	117	75235	24.168	ug/l	95
39) Methylcyclohexane	9.203	83	74326	22.941	ug/l	92
40) Benzene	8.179	78	169741	22.395	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	12056	18.552	ug/l	94
42) 1,2-Dichloroethane	8.258	62	49853	22.652	ug/l	96
43) Isopropyl Acetate	8.295	43	44389	20.450	ug/l #	89
44) Trichloroethene	8.960	130	52848	23.121	ug/l	93
45) 1,2-Dichloropropane	9.234	63	38846	21.288	ug/l	94
46) Dibromomethane	9.325	93	21113	21.105	ug/l	92
47) Bromodichloromethane	9.514	83	58856	22.100	ug/l #	94
48) Methyl methacrylate	9.313	41	25334	20.209	ug/l	91
49) 1,4-Dioxane	9.319	88	4193	414.108	ug/l #	52
51) 4-Methyl-2-Pentanone	10.087	43	114923	101.877	ug/l	93
52) Toluene	10.264	92	108518	22.844	ug/l	95
53) t-1,3-Dichloropropene	10.484	75	56164	22.346	ug/l	100
54) cis-1,3-Dichloropropene	9.947	75	65401	22.156	ug/l	94
55) 1,1,2-Trichloroethane	10.661	97	30481	21.874	ug/l	99
56) Ethyl methacrylate	10.526	69	27683	21.673	ug/l	88
57) 1,3-Dichloropropane	10.807	76	51441	21.852	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	75832	96.337	ug/l	90
59) 2-Hexanone	10.850	43	97976	114.813	ug/l	92
60) Dibromochloromethane	11.002	129	42333	22.737	ug/l	99
61) 1,2-Dibromoethane	11.106	107	28960	22.096	ug/l	99
64) Tetrachloroethene	10.740	164	54235	23.678	ug/l	97
65) Chlorobenzene	11.532	112	117986	23.307	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	46649	23.577	ug/l	98
67) Ethyl Benzene	11.612	91	212961	23.457	ug/l	97
68) m/p-Xylenes	11.721	106	163963	47.574	ug/l	94
69) o-Xylene	12.044	106	76362	23.734	ug/l	95
70) Styrene	12.063	104	108120	23.422	ug/l	99
71) Bromoform	12.227	173	24554	22.983	ug/l #	100
73) Isopropylbenzene	12.349	105	214994	23.985	ug/l	99
74) N-amyl acetate	12.160	43	36299	20.309	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.599	83	30317	21.265	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	22101m	20.211	ug/l	
77) Bromobenzene	12.624	156	49895	23.618	ug/l	87
78) n-propylbenzene	12.685	91	245488	23.530	ug/l	97
79) 2-Chlorotoluene	12.776	91	136164	23.160	ug/l	97
80) 1,3,5-Trimethylbenzene	12.831	105	172989	23.751	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	10258	21.161	ug/l	97
82) 4-Chlorotoluene	12.867	91	142104	23.359	ug/l	100
83) tert-Butylbenzene	13.093	119	161087	24.754	ug/l	97
84) 1,2,4-Trimethylbenzene	13.136	105	167678	23.569	ug/l	97
85) sec-Butylbenzene	13.270	105	219245	23.988	ug/l	98
86) p-Isopropyltoluene	13.386	119	192279	24.235	ug/l	99
87) 1,3-Dichlorobenzene	13.380	146	92557	22.951	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	92437	23.356	ug/l	99
89) n-Butylbenzene	13.709	91	167748	23.510	ug/l	96
90) Hexachloroethane	13.977	117	35580	22.792	ug/l	95
91) 1,2-Dichlorobenzene	13.751	146	80706	23.310	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.373	75	4963	21.753	ug/l	90
93) 1,2,4-Trichlorobenzene	15.019	180	45960	23.524	ug/l	98
94) Hexachlorobutadiene	15.123	225	30618	24.804	ug/l	98
95) Naphthalene	15.251	128	70601	24.261	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	35310	24.558	ug/l	98

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

