

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019865.D
 Acq On : 11 Oct 2024 11:37
 Operator : SY/MD
 Sample : VY1011SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1011SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
 Supervised By :Semsettin Yesilyurt 10/14/2024

Quant Time: Oct 14 01:43:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	317435	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	562573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	470630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	227990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	204355	52.284	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.560%			
35) Dibromofluoromethane	7.634	113	193891	52.228	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.460%			
50) Toluene-d8	10.109	98	706509	51.535	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.080%			
62) 4-Bromofluorobenzene	12.401	95	251418	50.755	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 101.520%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	58044	19.642	ug/l	100
3) Chloromethane	2.068	50	77027	20.027	ug/l	99
4) Vinyl Chloride	2.208	62	83539	19.738	ug/l	100
5) Bromomethane	2.592	94	54412	20.311	ug/l	95
6) Chloroethane	2.739	64	55915	19.666	ug/l	100
7) Trichlorofluoromethane	3.056	101	125962	20.001	ug/l	100
8) Diethyl Ether	3.458	74	40063	20.932	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.818	101	73680	20.114	ug/l	93
10) Methyl Iodide	4.007	142	69836	18.850	ug/l #	90
11) Tert butyl alcohol	4.860	59	39117	106.828	ug/l #	86
12) 1,1-Dichloroethene	3.793	96	66468	19.518	ug/l	86
13) Acrolein	3.659	56	31779	110.651	ug/l	100
14) Allyl chloride	4.385	41	121585	19.788	ug/l #	89
15) Acrylonitrile	5.061	53	94231	107.637	ug/l	96
16) Acetone	3.872	43	111686	109.769	ug/l #	84
17) Carbon Disulfide	4.110	76	163641	17.928	ug/l	100
18) Methyl Acetate	4.385	43	45952	20.966	ug/l #	87
19) Methyl tert-butyl Ether	5.122	73	201324	20.578	ug/l	98
20) Methylene Chloride	4.622	84	84353	21.986	ug/l #	87
21) trans-1,2-Dichloroethene	5.116	96	72094	19.451	ug/l	85
22) Diisopropyl ether	6.025	45	281252	21.014	ug/l #	93
23) Vinyl Acetate	5.964	43	678257m	88.399	ug/l	
24) 1,1-Dichloroethane	5.915	63	155502	20.902	ug/l	97
25) 2-Butanone	6.896	43	147567	108.353	ug/l #	82
26) 2,2-Dichloropropane	6.890	77	130865	19.751	ug/l	95
27) cis-1,2-Dichloroethene	6.896	96	91251	19.922	ug/l	83
28) Bromochloromethane	7.244	49	72073	22.010	ug/l #	74
29) Tetrahydrofuran	7.262	42	82237	105.755	ug/l #	83
30) Chloroform	7.427	83	157510	20.769	ug/l	97
31) Cyclohexane	7.701	56	124392	19.047	ug/l	90
32) 1,1,1-Trichloroethane	7.622	97	133217	20.044	ug/l	95
36) 1,1-Dichloropropene	7.835	75	104861	19.606	ug/l	95
37) Ethyl Acetate	6.988	43	59571	21.361	ug/l	96
38) Carbon Tetrachloride	7.817	117	111262	19.405	ug/l	98
39) Methylcyclohexane	9.109	83	126330	18.746	ug/l	93
40) Benzene	8.079	78	323834	20.007	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	32877	21.782	ug/l #	86
42) 1,2-Dichloroethane	8.158	62	95290	20.492	ug/l	95
43) Isopropyl Acetate	8.201	43	118010	20.749	ug/l #	77
44) Trichloroethene	8.865	130	74930	19.113	ug/l	95
45) 1,2-Dichloropropane	9.140	63	81270	20.060	ug/l	98
46) Dibromomethane	9.231	93	44152	19.947	ug/l	90
47) Bromodichloromethane	9.426	83	121409	20.664	ug/l	98
48) Methyl methacrylate	9.225	41	52525	20.995	ug/l	83
49) 1,4-Dioxane	9.231	88	10657	430.172	ug/l #	85
51) 4-Methyl-2-Pentanone	9.999	43	314407	108.379	ug/l	90
52) Toluene	10.170	92	202120	20.005	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	102427	19.376	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	122765	19.681	ug/l #	80
55) 1,1,2-Trichloroethane	10.572	97	61453	21.073	ug/l	97
56) Ethyl methacrylate	10.438	69	85556	20.446	ug/l #	74
57) 1,3-Dichloropropane	10.713	76	106370	20.770	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	197517	101.393	ug/l	94
59) 2-Hexanone	10.761	43	228014	110.046	ug/l	86
60) Dibromochloromethane	10.908	129	74505	19.905	ug/l	99
61) 1,2-Dibromoethane	11.011	107	51625	19.590	ug/l	100
64) Tetrachloroethene	10.646	164	64757	19.345	ug/l	95
65) Chlorobenzene	11.438	112	219074	20.352	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	74458	20.444	ug/l	98
67) Ethyl Benzene	11.517	91	398105	20.359	ug/l	100
68) m/p-Xylenes	11.627	106	289507	40.088	ug/l	91
69) o-Xylene	11.950	106	141651	20.415	ug/l	93
70) Styrene	11.969	104	236371	20.191	ug/l	95
71) Bromoform	12.133	173	39715	20.370	ug/l #	98
73) Isopropylbenzene	12.255	105	381445	19.891	ug/l	98
74) N-amyl acetate	12.072	43	104125	20.500	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	72520	21.282	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	49323m	11.043	ug/l	
77) Bromobenzene	12.529	156	82006	20.152	ug/l	86
78) n-propylbenzene	12.590	91	466029	20.112	ug/l	97
79) 2-Chlorotoluene	12.676	91	269976	20.323	ug/l	92
80) 1,3,5-Trimethylbenzene	12.737	105	305406	19.720	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	21790	19.693	ug/l #	83
82) 4-Chlorotoluene	12.773	91	273375	20.126	ug/l	94
83) tert-Butylbenzene	12.993	119	269723	19.441	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	304752	19.848	ug/l	98
85) sec-Butylbenzene	13.176	105	411394	19.846	ug/l	98
86) p-Isopropyltoluene	13.292	119	330674	19.645	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	162888	19.821	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	162886	20.175	ug/l	96
89) n-Butylbenzene	13.615	91	327084	19.900	ug/l	98
90) Hexachloroethane	13.877	117	62463	19.057	ug/l	87
91) 1,2-Dichlorobenzene	13.657	146	144209	19.971	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	11568	21.272	ug/l	71
93) 1,2,4-Trichlorobenzene	14.919	180	78430	19.370	ug/l	97
94) Hexachlorobutadiene	15.023	225	43604	19.370	ug/l	98
95) Naphthalene	15.145	128	151677	19.862	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	65491	19.134	ug/l	96

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

