

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121924\
 Data File : VY020647.D
 Acq On : 19 Dec 2024 11:53
 Operator : SY/MD
 Sample : VY1219SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

Quant Time: Dec 20 00:47:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/20/2024
 Supervised By :Semsettin Yesilyurt 12/20/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	184895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	283194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	247561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	139236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	110359	54.498	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.000%			
35) Dibromofluoromethane	7.640	113	110812	55.520	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.040%			
50) Toluene-d8	10.109	98	388095	55.554	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 111.100%			
62) 4-Bromofluorobenzene	12.407	95	146340	53.552	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 107.100%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	46604	20.180	ug/l	99
3) Chloromethane	2.074	50	32178	18.805	ug/l	99
4) Vinyl Chloride	2.208	62	29453	18.493	ug/l	98
5) Bromomethane	2.598	94	15687	15.323	ug/l	93
6) Chloroethane	2.738	64	14290	14.520	ug/l	96
7) Trichlorofluoromethane	3.061	101	57129	17.143	ug/l	97
8) Diethyl Ether	3.458	74	18049	15.443	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.824	101	38154	15.973	ug/l	97
10) Methyl Iodide	4.013	142	45573	17.136	ug/l	99
11) Tert butyl alcohol	4.872	59	20125	70.688	ug/l	99
12) 1,1-Dichloroethene	3.793	96	35580	15.351	ug/l	93
13) Acrolein	3.659	56	8452	88.270	ug/l	97
14) Allyl chloride	4.390	41	68670	16.909	ug/l	98
15) Acrylonitrile	5.067	53	54120	96.793	ug/l	97
16) Acetone	3.878	43	28434	65.941	ug/l	100
17) Carbon Disulfide	4.110	76	121614	16.120	ug/l	99
18) Methyl Acetate	4.390	43	25492	18.503	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	121819	20.364	ug/l	100
20) Methylene Chloride	4.622	84	48520	19.271	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	50361	19.371	ug/l	93
22) Diisopropyl ether	6.024	45	156745	19.014	ug/l	96
23) Vinyl Acetate	5.963	43	447758	95.902	ug/l	98
24) 1,1-Dichloroethane	5.921	63	94173	19.500	ug/l	98
25) 2-Butanone	6.896	43	74559	99.075	ug/l	99
26) 2,2-Dichloropropane	6.890	77	84303	18.466	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	63846	21.345	ug/l	97
28) Bromochloromethane	7.250	49	27683	16.994	ug/l	96
29) Tetrahydrofuran	7.268	42	50035	105.321	ug/l	99
30) Chloroform	7.427	83	107747	18.928	ug/l	98
31) Cyclohexane	7.701	56	90313	19.558	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	94090	21.207	ug/l	99
36) 1,1-Dichloropropene	7.835	75	75411	20.721	ug/l	99
37) Ethyl Acetate	6.988	43	37099	21.671	ug/l	99
38) Carbon Tetrachloride	7.817	117	85038	21.119	ug/l	93
39) Methylcyclohexane	9.109	83	95987	20.236	ug/l	100
40) Benzene	8.085	78	227976	21.371	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	15207	16.803	ug/l #	85
42) 1,2-Dichloroethane	8.158	62	61160	21.617	ug/l	99
43) Isopropyl Acetate	8.201	43	69490	21.441	ug/l	99
44) Trichloroethene	8.865	130	56052	21.384	ug/l	95
45) 1,2-Dichloropropane	9.140	63	54493	21.857	ug/l	98
46) Dibromomethane	9.231	93	29599	22.464	ug/l	98
47) Bromodichloromethane	9.426	83	76212	21.413	ug/l	98
48) Methyl methacrylate	9.219	41	32186	20.890	ug/l	96
49) 1,4-Dioxane	9.237	88	6938	459.147	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	181234	105.942	ug/l	99
52) Toluene	10.170	92	142231	21.454	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	71410	21.532	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	84026	21.381	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	38316	21.995	ug/l	98
56) Ethyl methacrylate	10.444	69	54998	21.762	ug/l	96
57) 1,3-Dichloropropane	10.719	76	69158	22.270	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	113969	107.175	ug/l	98
59) 2-Hexanone	10.761	43	115614	105.263	ug/l	97
60) Dibromochloromethane	10.914	129	51946	22.297	ug/l	98
61) 1,2-Dibromoethane	11.017	107	36878	22.758	ug/l	98
64) Tetrachloroethene	10.645	164	49209	21.133	ug/l	98
65) Chlorobenzene	11.444	112	151005	21.815	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	51570	21.787	ug/l	97
67) Ethyl Benzene	11.517	91	270705	21.198	ug/l	99
68) m/p-Xylenes	11.627	106	203604	42.880	ug/l	99
69) o-Xylene	11.956	106	95914	21.650	ug/l	100
70) Styrene	11.968	104	160252	21.650	ug/l	99
71) Bromoform	12.133	173	29878	22.451	ug/l #	99
73) Isopropylbenzene	12.255	105	256085	21.076	ug/l	99
74) N-amyl acetate	12.072	43	60196	21.169	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.511	83	45346	22.992	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	29715m	20.544	ug/l	
77) Bromobenzene	12.535	156	56425	21.319	ug/l	99
78) n-propylbenzene	12.596	91	307113	20.979	ug/l	100
79) 2-Chlorotoluene	12.682	91	176449	21.424	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	209105	21.209	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	15550	22.567	ug/l	96
82) 4-Chlorotoluene	12.779	91	179017	20.951	ug/l	100
83) tert-Butylbenzene	12.999	119	185911	20.822	ug/l	98
84) 1,2,4-Trimethylbenzene	13.047	105	207246	21.430	ug/l	100
85) sec-Butylbenzene	13.176	105	271663	20.926	ug/l	99
86) p-Isopropyltoluene	13.291	119	225018	21.022	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	111668	21.373	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	111847	21.614	ug/l	99
89) n-Butylbenzene	13.621	91	208511	20.555	ug/l	100
90) Hexachloroethane	13.883	117	44930	21.182	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	98502	21.760	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	7038	21.979	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	55848	20.396	ug/l	98
94) Hexachlorobutadiene	15.029	225	36777	20.546	ug/l	99
95) Naphthalene	15.151	128	100318	21.370	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	48835	21.109	ug/l	99

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

