

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120424\
 Data File : VY020507.D
 Acq On : 04 Dec 2024 11:23
 Operator : SY/MD
 Sample : VY1204SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Quant Time: Dec 05 03:21:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/05/2024
 Supervised By :Semsettin Yesilyurt 12/05/2024

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	143578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	233036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	196625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	97577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	83062	56.884	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.760%			
35) Dibromofluoromethane	7.646	113	78981	53.836	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.680%			
50) Toluene-d8	10.109	98	291898	52.252	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.500%			
62) 4-Bromofluorobenzene	12.414	95	105799	54.150	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 108.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	24702	17.638	ug/l	97
3) Chloromethane	2.074	50	24976	17.613	ug/l	98
4) Vinyl Chloride	2.208	62	25419	17.581	ug/l	99
5) Bromomethane	2.604	94	15596	18.385	ug/l	98
6) Chloroethane	2.745	64	16672	18.814	ug/l	91
7) Trichlorofluoromethane	3.068	101	51310	18.949	ug/l	100
8) Diethyl Ether	3.464	74	15788	20.578	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.824	101	31155	19.746	ug/l	97
10) Methyl Iodide	4.013	142	32702	18.463	ug/l	93
11) Tert butyl alcohol	4.884	59	12813	135.268	ug/l	95
12) 1,1-Dichloroethene	3.805	96	27750	18.619	ug/l	96
13) Acrolein	3.659	56	10707	120.729	ug/l	95
14) Allyl chloride	4.397	41	52465	19.737	ug/l	96
15) Acrylonitrile	5.073	53	35495	111.036	ug/l	99
16) Acetone	3.879	43	33955	93.520	ug/l	95
17) Carbon Disulfide	4.116	76	72950	17.101	ug/l #	95
18) Methyl Acetate	4.397	43	17399	22.546	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	82464	21.665	ug/l	95
20) Methylene Chloride	4.628	84	32456	21.014	ug/l	94
21) trans-1,2-Dichloroethene	5.128	96	31873	19.253	ug/l	89
22) Diisopropyl ether	6.031	45	112872	21.353	ug/l	99
23) Vinyl Acetate	5.970	43	299631	107.167	ug/l	98
24) 1,1-Dichloroethane	5.927	63	64884	20.389	ug/l	99
25) 2-Butanone	6.909	43	49052	106.990	ug/l	96
26) 2,2-Dichloropropane	6.896	77	59093	19.632	ug/l	98
27) cis-1,2-Dichloroethene	6.902	96	39375	20.370	ug/l	99
28) Bromochloromethane	7.256	49	23806	20.032	ug/l	96
29) Tetrahydrofuran	7.274	42	28650	109.538	ug/l	98
30) Chloroform	7.433	83	68148	20.865	ug/l	99
31) Cyclohexane	7.713	56	52697	18.316	ug/l #	89
32) 1,1,1-Trichloroethane	7.622	97	62990	20.029	ug/l	96
36) 1,1-Dichloropropene	7.841	75	46908	18.934	ug/l	99
37) Ethyl Acetate	6.994	43	20546	20.933	ug/l	98
38) Carbon Tetrachloride	7.829	117	57508	19.449	ug/l	98
39) Methylcyclohexane	9.115	83	55625	18.094	ug/l	100
40) Benzene	8.091	78	141694	19.398	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	11143	19.971	ug/l	91
42) 1,2-Dichloroethane	8.164	62	39624	20.645	ug/l	100
43) Isopropyl Acetate	8.207	43	42803	21.596	ug/l #	89
44) Trichloroethene	8.872	130	35402	19.660	ug/l	100
45) 1,2-Dichloropropane	9.146	63	34293	20.062	ug/l	99
46) Dibromomethane	9.237	93	17869	21.114	ug/l	98
47) Bromodichloromethane	9.426	83	51047	20.472	ug/l #	98
48) Methyl methacrylate	9.225	41	19788	21.411	ug/l	97
49) 1,4-Dioxane	9.237	88	3654	451.689	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	107277	109.602	ug/l	98
52) Toluene	10.176	92	90945	19.955	ug/l	97
53) t-1,3-Dichloropropene	10.402	75	45583	20.362	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	54644	20.655	ug/l	98
55) 1,1,2-Trichloroethane	10.579	97	24229	21.461	ug/l	98
56) Ethyl methacrylate	10.444	69	33936	21.244	ug/l	94
57) 1,3-Dichloropropane	10.725	76	41635	20.595	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	82819	110.732	ug/l	95
59) 2-Hexanone	10.768	43	74598	105.647	ug/l	97
60) Dibromochloromethane	10.914	129	33110	21.065	ug/l	99
61) 1,2-Dibromoethane	11.018	107	21374	20.703	ug/l	98
64) Tetrachloroethene	10.652	164	31472	18.943	ug/l	94
65) Chlorobenzene	11.444	112	95784	19.435	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	34898	19.966	ug/l	98
67) Ethyl Benzene	11.524	91	178157	19.285	ug/l	100
68) m/p-Xylenes	11.633	106	130243	38.502	ug/l	97
69) o-Xylene	11.956	106	62042	19.577	ug/l	98
70) Styrene	11.975	104	106836	20.207	ug/l	99
71) Bromoform	12.139	173	18141	20.414	ug/l #	100
73) Isopropylbenzene	12.261	105	172038	18.222	ug/l	98
74) N-amyl acetate	12.078	43	37647	20.345	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	27358	20.150	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	19630m	19.748	ug/l	
77) Bromobenzene	12.536	156	36115	18.472	ug/l	99
78) n-propylbenzene	12.603	91	206790	18.500	ug/l	100
79) 2-Chlorotoluene	12.688	91	116476	18.466	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	140999	18.636	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	9480	19.569	ug/l	95
82) 4-Chlorotoluene	12.786	91	120262	18.684	ug/l	98
83) tert-Butylbenzene	13.005	119	128923	18.848	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	140358	19.087	ug/l	98
85) sec-Butylbenzene	13.182	105	181623	18.527	ug/l	99
86) p-Isopropyltoluene	13.298	119	153319	18.926	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	74167	19.670	ug/l	98
88) 1,4-Dichlorobenzene	13.377	146	71809	19.453	ug/l	98
89) n-Butylbenzene	13.627	91	141194	18.793	ug/l	99
90) Hexachloroethane	13.889	117	29519	18.698	ug/l	94
91) 1,2-Dichlorobenzene	13.669	146	62885	19.666	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	4243	20.643	ug/l	95
93) 1,2,4-Trichlorobenzene	14.931	180	35783	19.901	ug/l	98
94) Hexachlorobutadiene	15.035	225	24420	19.414	ug/l	98
95) Naphthalene	15.151	128	61189	21.030	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	31270	21.553	ug/l	99

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

