

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018956.D
 Acq On : 09 Aug 2024 10:33
 Operator : SY/MD
 Sample : VY0809SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0809SBS01

Quant Time: Aug 10 01:00:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	65303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	104816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	88284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	45098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	31340	54.661	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.320%			
35) Dibromofluoromethane	7.622	113	33408	49.904	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.800%			
50) Toluene-d8	10.103	98	131269	51.050	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.100%			
62) 4-Bromofluorobenzene	12.407	95	36902	48.372	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	8895	19.817	ug/l	98
3) Chloromethane	2.068	50	24777	21.389	ug/l	95
4) Vinyl Chloride	2.202	62	32739	21.765	ug/l	98
5) Bromomethane	2.580	94	29574	24.642	ug/l	94
6) Chloroethane	2.726	64	22819	22.559	ug/l	95
7) Trichlorofluoromethane	3.043	101	44982	22.437	ug/l	97
8) Diethyl Ether	3.446	74	6355	20.564	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.805	101	12463	19.899	ug/l	93
10) Methyl Iodide	3.994	142	12732	18.826	ug/l	94
11) Tert butyl alcohol	4.836	59	6044	87.905	ug/l #	93
12) 1,1-Dichloroethene	3.775	96	11730	19.824	ug/l	84
13) Acrolein	3.647	56	5887	95.182	ug/l	94
14) Allyl chloride	4.372	41	16484	20.830	ug/l #	84
15) Acrylonitrile	5.043	53	12432	102.614	ug/l	97
16) Acetone	3.860	43	11783	89.260	ug/l #	83
17) Carbon Disulfide	4.092	76	34648	19.698	ug/l #	95
18) Methyl Acetate	4.372	43	6458	20.265	ug/l	97
19) Methyl tert-butyl Ether	5.104	73	27997	19.237	ug/l	98
20) Methylene Chloride	4.592	84	16113	20.599	ug/l	92
21) trans-1,2-Dichloroethene	5.104	96	13534	20.672	ug/l	96
22) Diisopropyl ether	6.000	45	34730	20.131	ug/l #	76
23) Vinyl Acetate	5.945	43	148054	99.440	ug/l	94
24) 1,1-Dichloroethane	5.896	63	22003	20.790	ug/l	98
25) 2-Butanone	6.878	43	17624	94.936	ug/l	89
26) 2,2-Dichloropropane	6.878	77	19014	19.088	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	15877	20.269	ug/l	95
28) Bromochloromethane	7.238	49	10947	22.467	ug/l	82
29) Tetrahydrofuran	7.244	42	11022	100.691	ug/l	90
30) Chloroform	7.408	83	23682	20.918	ug/l	100
31) Cyclohexane	7.689	56	19242	19.127	ug/l	94
32) 1,1,1-Trichloroethane	7.603	97	20911	20.434	ug/l	93
36) 1,1-Dichloropropene	7.823	75	17330	19.285	ug/l	99
37) Ethyl Acetate	6.969	43	8024	19.535	ug/l	97
38) Carbon Tetrachloride	7.811	117	18423	17.880	ug/l	90
39) Methylcyclohexane	9.103	83	21254	17.571	ug/l	96
40) Benzene	8.073	78	52029	19.473	ug/l	99

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41) Methacrylonitrile	7.207	41	3723m	19.047	ug/l	
42) 1,2-Dichloroethane	8.152	62	12768	19.196	ug/l	100
43) Isopropyl Acetate	8.189	43	16212	19.408	ug/l #	74
44) Trichloroethene	8.853	130	14319	18.801	ug/l	92
45) 1,2-Dichloropropane	9.140	63	11886	19.881	ug/l	96
46) Dibromomethane	9.225	93	8042	20.818	ug/l	93
47) Bromodichloromethane	9.420	83	17554	19.418	ug/l	94
48) Methyl methacrylate	9.213	41	6891	18.884	ug/l #	76
49) 1,4-Dioxane	9.219	88	1741	381.474	ug/l #	85
51) 4-Methyl-2-Pentanone	9.993	43	39409	91.478	ug/l	88
52) Toluene	10.170	92	32675	18.410	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	14490	17.974	ug/l	92
54) cis-1,3-Dichloropropene	9.853	75	18855	19.690	ug/l #	89
55) 1,1,2-Trichloroethane	10.572	97	9304	19.612	ug/l	98
56) Ethyl methacrylate	10.438	69	11655	18.145	ug/l #	72
57) 1,3-Dichloropropane	10.719	76	15623	20.002	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	30445	91.940	ug/l	97
59) 2-Hexanone	10.761	43	28176	91.175	ug/l	84
60) Dibromochloromethane	10.908	129	11885	18.687	ug/l	96
61) 1,2-Dibromoethane	11.011	107	8988	19.622	ug/l	98
64) Tetrachloroethene	10.646	164	15161	20.486	ug/l	95
65) Chlorobenzene	11.438	112	37726	19.462	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.517	131	12123	17.881	ug/l	96
67) Ethyl Benzene	11.517	91	62674	18.675	ug/l	97
68) m/p-Xylenes	11.627	106	51552	37.461	ug/l	93
69) o-Xylene	11.956	106	23072	18.166	ug/l	97
70) Styrene	11.975	104	40504	19.362	ug/l	98
71) Bromoform	12.133	173	7098	20.132	ug/l #	100
73) Isopropylbenzene	12.255	105	59663	18.226	ug/l	99
74) N-amyl acetate	12.072	43	13808	18.279	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.511	83	9676	18.316	ug/l	96
76) 1,2,3-Trichloropropane	12.560	75	7285m	21.683	ug/l	
77) Bromobenzene	12.529	156	14541	19.068	ug/l	91
78) n-propylbenzene	12.596	91	71633	18.488	ug/l	99
79) 2-Chlorotoluene	12.682	91	38351	19.119	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	48473	18.895	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	3109	19.068	ug/l #	84
82) 4-Chlorotoluene	12.779	91	38621	18.806	ug/l	93
83) tert-Butylbenzene	12.999	119	45492	18.774	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	47355	18.197	ug/l	98
85) sec-Butylbenzene	13.176	105	66084	18.828	ug/l	98
86) p-Isopropyltoluene	13.291	119	52434	17.253	ug/l	94
87) 1,3-Dichlorobenzene	13.291	146	29386	18.864	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	29229	19.240	ug/l	97
89) n-Butylbenzene	13.621	91	48637	18.232	ug/l	97
90) Hexachloroethane	13.883	117	10203	17.792	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	24398	19.049	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1238	17.036	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	13779	19.538	ug/l	99
94) Hexachlorobutadiene	15.023	225	7791	20.143	ug/l	98
95) Naphthalene	15.145	128	21286	16.954	ug/l	97
96) 1,2,3-Trichlorobenzene	15.334	180	10981	18.141	ug/l	94

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

