

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050124\
 Data File : VY018103.D
 Acq On : 01 May 2024 17:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024

Quant Time: May 02 05:51:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	305043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	495817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	439280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	208418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	136745	56.871	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.740%			
35) Dibromofluoromethane	7.709	113	156633	54.972	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.940%			
50) Toluene-d8	10.178	98	603061	54.215	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.420%			
62) 4-Bromofluorobenzene	12.477	95	205385	53.652	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.300%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.899	85	126686	52.028	ug/l	98
3) Chloromethane	2.107	50	181461	57.035	ug/l	100
4) Vinyl Chloride	2.241	62	200971	58.383	ug/l	99
5) Bromomethane	2.643	94	129335	60.872	ug/l	98
6) Chloroethane	2.783	64	128100	59.755	ug/l	99
7) Trichlorofluoromethane	3.119	101	255268	55.702	ug/l	95
8) Diethyl Ether	3.515	74	87343	59.359	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	157159	54.952	ug/l	96
10) Methyl Iodide	4.082	142	221137	58.339	ug/l	98
11) Tert butyl alcohol	4.960	59	62134	317.062	ug/l #	73
12) 1,1-Dichloroethene	3.863	96	163863	56.188	ug/l	96
13) Acrolein	3.716	56	63474	217.617	ug/l	99
14) Allyl chloride	4.466	41	215657	55.931	ug/l	99
15) Acrylonitrile	5.149	53	169210	306.148	ug/l	99
16) Acetone	3.942	43	128754	281.085	ug/l	89
17) Carbon Disulfide	4.186	76	491246	56.413	ug/l	98
18) Methyl Acetate	4.472	43	67104	57.201	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	394203	58.906	ug/l	98
20) Methylene Chloride	4.698	84	183880	57.288	ug/l	98
21) trans-1,2-Dichloroethene	5.210	96	178481	57.571	ug/l	94
22) Diisopropyl ether	6.106	45	455368	57.342	ug/l	94
23) Vinyl Acetate	6.045	43	1485959	295.025	ug/l	99
24) 1,1-Dichloroethane	6.008	63	276447	57.650	ug/l	99
25) 2-Butanone	6.978	43	211636	296.985	ug/l	99
26) 2,2-Dichloropropane	6.972	77	244575	54.537	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	215241	58.217	ug/l	96
28) Bromochloromethane	7.325	49	110972	57.265	ug/l	90
29) Tetrahydrofuran	7.338	42	137471	303.449	ug/l	98
30) Chloroform	7.496	83	292069	57.559	ug/l	100
31) Cyclohexane	7.776	56	241986	52.524	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	261527	56.467	ug/l	98
36) 1,1-Dichloropropene	7.911	75	208973	54.943	ug/l	96
37) Ethyl Acetate	7.063	43	99049	59.843	ug/l #	94
38) Carbon Tetrachloride	7.892	117	237118	54.927	ug/l	98
39) Methylcyclohexane	9.179	83	304897	54.578	ug/l	97
40) Benzene	8.154	78	694021	56.786	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	53064	54.364	ug/l	94
42) 1,2-Dichloroethane	8.228	62	161080	56.890	ug/l	96
43) Isopropyl Acetate	8.264	43	206685	59.438	ug/l	95
44) Trichloroethene	8.935	130	194205	56.033	ug/l	96
45) 1,2-Dichloropropane	9.209	63	152535	57.203	ug/l	99
46) Dibromomethane	9.301	93	92449	57.024	ug/l	93
47) Bromodichloromethane	9.490	83	227461	57.150	ug/l	99
48) Methyl methacrylate	9.288	41	92448	58.079	ug/l	91
49) 1,4-Dioxane	9.301	88	22992	1278.271	ug/l #	98
51) 4-Methyl-2-Pentanone	10.069	43	506307	298.118	ug/l	96
52) Toluene	10.239	92	456987	56.498	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	218904	56.922	ug/l	96
54) cis-1,3-Dichloropropene	9.922	75	257456	56.986	ug/l #	91
55) 1,1,2-Trichloroethane	10.642	97	127765	58.593	ug/l	97
56) Ethyl methacrylate	10.508	69	181586	58.900	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	206070	59.154	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	399703	277.734	ug/l	93
59) 2-Hexanone	10.825	43	358170	295.484	ug/l	94
60) Dibromochloromethane	10.983	129	172337	58.189	ug/l	98
61) 1,2-Dibromoethane	11.087	107	122567	58.659	ug/l	99
64) Tetrachloroethene	10.715	164	174025	54.728	ug/l	98
65) Chlorobenzene	11.514	112	511874	55.207	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	172314	55.248	ug/l	99
67) Ethyl Benzene	11.593	91	846089	54.415	ug/l	95
68) m/p-Xylenes	11.696	106	678881	108.966	ug/l	97
69) o-Xylene	12.026	106	328172	54.831	ug/l	95
70) Styrene	12.038	104	560740	55.666	ug/l	98
71) Bromoform	12.203	173	101619	55.599	ug/l #	99
73) Isopropylbenzene	12.324	105	816933	52.080	ug/l	97
74) N-amyl acetate	12.142	43	191879	55.733	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.580	83	138618	55.536	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	91427m	52.269	ug/l	
77) Bromobenzene	12.605	156	204891	54.971	ug/l	93
78) n-propylbenzene	12.666	91	962424	53.281	ug/l	96
79) 2-Chlorotoluene	12.751	91	548665	53.482	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	672129	53.165	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	50758	52.865	ug/l	98
82) 4-Chlorotoluene	12.849	91	558938	53.170	ug/l	97
83) tert-Butylbenzene	13.074	119	620928	53.647	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	659608	53.260	ug/l	99
85) sec-Butylbenzene	13.251	105	873703	52.603	ug/l	98
86) p-Isopropyltoluene	13.367	119	729713	52.718	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	386406	54.203	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	378720	53.900	ug/l	99
89) n-Butylbenzene	13.696	91	653467	53.346	ug/l	97
90) Hexachloroethane	13.958	117	148482	52.799	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	345258	55.580	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20289	53.886	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	196687	56.653	ug/l	98
94) Hexachlorobutadiene	15.111	225	101314	52.719	ug/l	97
95) Naphthalene	15.232	128	371707	58.147	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	163265	56.357	ug/l	99

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

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