

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070924\
 Data File : VY018752.D
 Acq On : 09 Jul 2024 11:50
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/10/2024
 Supervised By :Semsettin Yesilyurt 07/10/2024

Quant Time: Jul 09 14:19:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:18:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	121367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	183463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	158171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	77862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	63208	52.926	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.860%			
35) Dibromofluoromethane	7.704	113	63201	55.002	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.000%			
50) Toluene-d8	10.173	98	241486	55.471	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.940%			
62) 4-Bromofluorobenzene	12.477	95	80152	53.913	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	54730	53.817	ug/l	96
3) Chloromethane	2.101	50	79265	51.290	ug/l	96
4) Vinyl Chloride	2.235	62	94985	52.541	ug/l	97
5) Bromomethane	2.637	94	58858	47.332	ug/l	96
6) Chloroethane	2.778	64	58481	49.792	ug/l	99
7) Trichlorofluoromethane	3.101	101	125712	53.215	ug/l	98
8) Diethyl Ether	3.515	74	29402	51.065	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.881	101	64847	53.502	ug/l	95
10) Methyl Iodide	4.070	142	72786	55.766	ug/l	92
11) Tert butyl alcohol	4.942	59	22723	187.823	ug/l #	80
12) 1,1-Dichloroethene	3.851	96	60180	51.324	ug/l	97
13) Acrolein	3.716	56	22363	230.717	ug/l	99
14) Allyl chloride	4.460	41	73947	50.905	ug/l	90
15) Acrylonitrile	5.137	53	57865	254.750	ug/l	98
16) Acetone	3.936	43	53928	244.928	ug/l	89
17) Carbon Disulfide	4.174	76	172968	52.681	ug/l	99
18) Methyl Acetate	4.466	43	29646	46.339	ug/l	99
19) Methyl tert-butyl Ether	5.204	73	140328	51.590	ug/l	96
20) Methylene Chloride	4.698	84	65094	52.446	ug/l	96
21) trans-1,2-Dichloroethene	5.192	96	64034	51.742	ug/l	92
22) Diisopropyl ether	6.100	45	156893	49.652	ug/l	92
23) Vinyl Acetate	6.039	43	650140	261.160	ug/l	98
24) 1,1-Dichloroethane	5.997	63	101244	50.183	ug/l	99
25) 2-Butanone	6.972	43	77467	251.003	ug/l	95
26) 2,2-Dichloropropane	6.966	77	94710	50.595	ug/l	97
27) cis-1,2-Dichloroethene	6.966	96	71808	49.838	ug/l	96
28) Bromochloromethane	7.319	49	40555	50.048	ug/l	99
29) Tetrahydrofuran	7.338	42	48958	258.751	ug/l	95
30) Chloroform	7.490	83	112711	50.128	ug/l	96
31) Cyclohexane	7.771	56	91691	49.973	ug/l	98
32) 1,1,1-Trichloroethane	7.685	97	109658	52.446	ug/l	98
36) 1,1-Dichloropropene	7.905	75	83977	52.957	ug/l	99
37) Ethyl Acetate	7.070	43	35739	54.221	ug/l #	94
38) Carbon Tetrachloride	7.886	117	103929	54.416	ug/l	97
39) Methylcyclohexane	9.173	83	110383	54.318	ug/l	96
40) Benzene	8.149	78	237578	51.646	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	18174	50.649	ug/l	95
42) 1,2-Dichloroethane	8.228	62	66695	51.784	ug/l	97
43) Isopropyl Acetate	8.264	43	68880	52.518	ug/l #	81
44) Trichloroethene	8.929	130	67720	51.501	ug/l	96
45) 1,2-Dichloropropane	9.209	63	51711	51.622	ug/l	100
46) Dibromomethane	9.295	93	34690	53.426	ug/l	99
47) Bromodichloromethane	9.490	83	85169	52.506	ug/l	99
48) Methyl methacrylate	9.283	41	31524	52.880	ug/l #	87
49) 1,4-Dioxane	9.289	88	8090	1062.890	ug/l #	95
51) 4-Methyl-2-Pentanone	10.063	43	180122	268.989	ug/l	92
52) Toluene	10.240	92	158764	51.926	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	73218	52.279	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	86901	52.891	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	42656	51.879	ug/l	96
56) Ethyl methacrylate	10.502	69	57553	53.166	ug/l #	81
57) 1,3-Dichloropropane	10.782	76	71253	52.276	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	146671	283.602	ug/l	95
59) 2-Hexanone	10.825	43	127320	271.779	ug/l	90
60) Dibromochloromethane	10.977	129	59455	52.627	ug/l	97
61) 1,2-Dibromoethane	11.081	107	43011	53.807	ug/l	95
64) Tetrachloroethene	10.715	164	68615	53.594	ug/l	97
65) Chlorobenzene	11.514	112	173869	52.109	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	60089	52.269	ug/l	95
67) Ethyl Benzene	11.587	91	305795	52.316	ug/l	97
68) m/p-Xylenes	11.697	106	241726	105.384	ug/l	97
69) o-Xylene	12.026	106	114263	52.986	ug/l	98
70) Styrene	12.038	104	189393	52.636	ug/l	96
71) Bromoform	12.203	173	33756	53.870	ug/l #	99
73) Isopropylbenzene	12.325	105	304976	53.519	ug/l	98
74) N-amyl acetate	12.142	43	65807	56.468	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.575	83	47375	52.736	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	29897m	45.654	ug/l	
77) Bromobenzene	12.605	156	71017	52.203	ug/l	95
78) n-propylbenzene	12.666	91	360949	53.339	ug/l	98
79) 2-Chlorotoluene	12.751	91	197840	51.994	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	247757	53.137	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	15221	55.861	ug/l	87
82) 4-Chlorotoluene	12.849	91	205375	52.416	ug/l	97
83) tert-Butylbenzene	13.068	119	226029	52.508	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	242587	52.358	ug/l	100
85) sec-Butylbenzene	13.251	105	332963	54.494	ug/l	97
86) p-Isopropyltoluene	13.367	119	282030	53.467	ug/l	95
87) 1,3-Dichlorobenzene	13.361	146	140457	52.569	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	137515	51.929	ug/l	99
89) n-Butylbenzene	13.690	91	260263	54.424	ug/l	99
90) Hexachloroethane	13.959	117	52616	53.636	ug/l	99
91) 1,2-Dichlorobenzene	13.733	146	120031	52.007	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8304	57.047	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	77555	55.046	ug/l	97
94) Hexachlorobutadiene	15.105	225	45566	56.110	ug/l	99
95) Naphthalene	15.233	128	137241	56.782	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	66261	54.966	ug/l	99

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

