

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060524\
 Data File : VY018498.D
 Acq On : 05 Jun 2024 20:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/06/2024
 Supervised By :Semsettin Yesilyurt 06/06/2024

Quant Time: Jun 06 06:01:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	41711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	70021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	65393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	51557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	37703	46.028	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.060%		
35) Dibromofluoromethane	7.710	113	36150	40.713	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	81.420%		
50) Toluene-d8	10.173	98	136229	38.566	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	77.140%		
62) 4-Bromofluorobenzene	12.477	95	45542	41.409	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	82.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.894	85	24365	36.781	ug/l	99
3) Chloromethane	2.101	50	70327	56.927	ug/l	100
4) Vinyl Chloride	2.241	62	80691	54.606	ug/l	99
5) Bromomethane	2.631	94	52342	53.093	ug/l	95
6) Chloroethane	2.778	64	54523	58.440	ug/l	99
7) Trichlorofluoromethane	3.107	101	77909	50.957	ug/l	97
8) Diethyl Ether	3.515	74	23312	50.675	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.881	101	39793	44.698	ug/l	92
10) Methyl Iodide	4.070	142	42731	48.866	ug/l	95
11) Tert butyl alcohol	4.942	59	19819	204.463	ug/l #	90
12) 1,1-Dichloroethene	3.857	96	39325	44.941	ug/l	84
13) Acrolein	3.710	56	25354	302.389	ug/l	100
14) Allyl chloride	4.460	41	70694	55.163	ug/l #	92
15) Acrylonitrile	5.143	53	61584	292.730	ug/l	95
16) Acetone	3.930	43	42964	236.315	ug/l #	87
17) Carbon Disulfide	4.174	76	114523	44.615	ug/l	96
18) Methyl Acetate	4.454	43	29417	64.705	ug/l	90
19) Methyl tert-butyl Ether	5.204	73	113877	53.998	ug/l	99
20) Methylene Chloride	4.698	84	53484	54.094	ug/l #	77
21) trans-1,2-Dichloroethene	5.204	96	46403	49.692	ug/l	94
22) Diisopropyl ether	6.106	45	155357	59.527	ug/l	94
23) Vinyl Acetate	6.045	43	503661	296.532	ug/l #	91
24) 1,1-Dichloroethane	5.997	63	88869	54.593	ug/l	95
25) 2-Butanone	6.972	43	79323	284.801	ug/l	89
26) 2,2-Dichloropropane	6.966	77	61555	43.023	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	56915	52.397	ug/l	92
28) Bromochloromethane	7.319	49	42414	56.619	ug/l #	78
29) Tetrahydrofuran	7.338	42	56623	313.039	ug/l #	84
30) Chloroform	7.496	83	89135	54.594	ug/l	100
31) Cyclohexane	7.777	56	74355	48.684	ug/l	92
32) 1,1,1-Trichloroethane	7.691	97	74398	52.027	ug/l	96
36) 1,1-Dichloropropene	7.905	75	65451	48.344	ug/l	94
37) Ethyl Acetate	7.063	43	38081	56.304	ug/l	98
38) Carbon Tetrachloride	7.893	117	62278	45.904	ug/l	99
39) Methylcyclohexane	9.179	83	80826	44.162	ug/l	95
40) Benzene	8.149	78	200774	49.494	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	21809	66.293	ug/l #	84
42) 1,2-Dichloroethane	8.228	62	52420	53.153	ug/l	97
43) Isopropyl Acetate	8.264	43	71196	56.297	ug/l	90
44) Trichloroethene	8.935	130	47977	47.726	ug/l	90
45) 1,2-Dichloropropane	9.209	63	48974	52.791	ug/l	97
46) Dibromomethane	9.301	93	28274	53.158	ug/l	88
47) Bromodichloromethane	9.490	83	65906	51.619	ug/l	96
48) Methyl methacrylate	9.289	41	32771	56.322	ug/l	87
49) 1,4-Dioxane	9.283	88	6792	972.403	ug/l #	84
51) 4-Methyl-2-Pentanone	10.063	43	201114	306.259	ug/l	90
52) Toluene	10.240	92	124748	50.000	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	61013	52.037	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	71151	49.285	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	36866	53.275	ug/l	95
56) Ethyl methacrylate	10.502	69	55145	56.630	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	64551	54.948	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	118578	226.761	ug/l	95
59) 2-Hexanone	10.825	43	137554	303.121	ug/l	90
60) Dibromochloromethane	10.977	129	42597	50.386	ug/l	98
61) 1,2-Dibromoethane	11.087	107	33925	52.061	ug/l	99
64) Tetrachloroethene	10.715	164	41867	43.465	ug/l	93
65) Chlorobenzene	11.514	112	129048	46.017	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	42733	47.126	ug/l	98
67) Ethyl Benzene	11.587	91	243184	47.643	ug/l	98
68) m/p-Xylenes	11.697	106	183543	95.495	ug/l	96
69) o-Xylene	12.026	106	86711	46.866	ug/l	96
70) Styrene	12.038	104	151169	50.007	ug/l	98
71) Bromoform	12.203	173	22231	46.537	ug/l #	95
73) Isopropylbenzene	12.325	105	229816	43.196	ug/l	98
74) N-amyl acetate	12.142	43	67468	52.098	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.575	83	45887	48.995	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	36543m	57.160	ug/l	
77) Bromobenzene	12.605	156	47253	41.830	ug/l	83
78) n-propylbenzene	12.666	91	283301	44.366	ug/l	98
79) 2-Chlorotoluene	12.751	91	157734	45.438	ug/l	95
80) 1,3,5-Trimethylbenzene	12.806	105	187095	45.151	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	13546	44.515	ug/l	89
82) 4-Chlorotoluene	12.849	91	160451	45.932	ug/l	100
83) tert-Butylbenzene	13.068	119	165151	43.101	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	184789	45.551	ug/l	99
85) sec-Butylbenzene	13.251	105	253975	45.007	ug/l	99
86) p-Isopropyltoluene	13.367	119	206321	45.302	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	101782	45.678	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	99745	45.564	ug/l	97
89) n-Butylbenzene	13.690	91	201490	46.556	ug/l	99
90) Hexachloroethane	13.952	117	37760	44.234	ug/l	82
91) 1,2-Dichlorobenzene	13.733	146	90550	46.699	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	6640	46.591	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	45442	43.333	ug/l	98
94) Hexachlorobutadiene	15.111	225	21922	39.361	ug/l	99
95) Naphthalene	15.233	128	104172	49.462	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	40452	45.591	ug/l	99

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

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