

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
 Data File : VY018585.D
 Acq On : 14 Jun 2024 09:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/17/2024
 Supervised By :Semsettin Yesilyurt 06/17/2024

Quant Time: Jun 14 23:18:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	150819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	257766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	227012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	67001	44.125	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.260%		
35) Dibromofluoromethane	7.704	113	69207	44.013	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.020%		
50) Toluene-d8	10.173	98	273255	45.189	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.380%		
62) 4-Bromofluorobenzene	12.477	95	88203	46.193	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	92.380%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	54573	54.939	ug/l	99
3) Chloromethane	2.107	50	109471	53.509	ug/l	97
4) Vinyl Chloride	2.241	62	138658	54.728	ug/l	98
5) Bromomethane	2.638	94	93538	49.671	ug/l	100
6) Chloroethane	2.784	64	88088	53.075	ug/l	100
7) Trichlorofluoromethane	3.107	101	147550	54.082	ug/l	96
8) Diethyl Ether	3.515	74	41513	53.364	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.887	101	79308	55.635	ug/l	97
10) Methyl Iodide	4.076	142	92546	53.643	ug/l	96
11) Tert butyl alcohol	4.930	59	35851	131.261	ug/l #	84
12) 1,1-Dichloroethene	3.857	96	77435	54.054	ug/l	98
13) Acrolein	3.711	56	23874	271.886	ug/l	100
14) Allyl chloride	4.466	41	104005	53.853	ug/l	97
15) Acrylonitrile	5.143	53	85039	245.732	ug/l	98
16) Acetone	3.930	43	93268	301.909	ug/l	87
17) Carbon Disulfide	4.180	76	236676	54.277	ug/l	98
18) Methyl Acetate	4.454	43	39332	50.195	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	191663	50.155	ug/l	99
20) Methylene Chloride	4.692	84	95107	49.944	ug/l	97
21) trans-1,2-Dichloroethene	5.198	96	89270	54.741	ug/l	98
22) Diisopropyl ether	6.106	45	233053	53.453	ug/l	96
23) Vinyl Acetate	6.045	43	927741	229.547	ug/l	100
24) 1,1-Dichloroethane	5.997	63	145738	51.885	ug/l	99
25) 2-Butanone	6.972	43	122972	265.559	ug/l	97
26) 2,2-Dichloropropane	6.966	77	128738	54.400	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	104619	53.112	ug/l	98
28) Bromochloromethane	7.320	49	52766	45.832	ug/l	96
29) Tetrahydrofuran	7.338	42	71593	251.932	ug/l	94
30) Chloroform	7.496	83	160096	52.299	ug/l	99
31) Cyclohexane	7.771	56	124483	53.519	ug/l	98
32) 1,1,1-Trichloroethane	7.692	97	140119	53.880	ug/l	98
36) 1,1-Dichloropropene	7.911	75	116661	53.901	ug/l	98
37) Ethyl Acetate	7.064	43	48733	47.764	ug/l	97
38) Carbon Tetrachloride	7.887	117	122910	54.128	ug/l	99
39) Methylcyclohexane	9.179	83	156961	59.186	ug/l	97
40) Benzene	8.149	78	354074	52.897	ug/l	99

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Quant Title : SW846 8260

QLast Update : Fri Jun 14 07:08:24 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	24409	47.566	ug/l	98
42) 1,2-Dichloroethane	8.228	62	88695	50.790	ug/l	97
43) Isopropyl Acetate	8.265	43	95397	50.095	ug/l #	84
44) Trichloroethene	8.935	130	91549	52.240	ug/l	98
45) 1,2-Dichloropropane	9.210	63	77524	50.650	ug/l	97
46) Dibromomethane	9.301	93	48506	51.075	ug/l	98
47) Bromodichloromethane	9.490	83	118795	52.409	ug/l	97
48) Methyl methacrylate	9.289	41	42724	49.835	ug/l	96
49) 1,4-Dioxane	9.289	88	11581	927.202	ug/l #	95
51) 4-Methyl-2-Pentanone	10.063	43	250357	249.586	ug/l	98
52) Toluene	10.240	92	233039	54.225	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	107778	54.410	ug/l	94
54) cis-1,3-Dichloropropene	9.923	75	127976	53.537	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	64259	50.871	ug/l	97
56) Ethyl methacrylate	10.508	69	87151	52.725	ug/l	93
57) 1,3-Dichloropropane	10.782	76	107565	51.262	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.777	63	179801	225.322	ug/l	98
59) 2-Hexanone	10.825	43	185863	264.525	ug/l	97
60) Dibromochloromethane	10.984	129	81549	51.970	ug/l	99
61) 1,2-Dibromoethane	11.087	107	60734	52.025	ug/l	99
64) Tetrachloroethene	10.715	164	86774	53.592	ug/l	98
65) Chlorobenzene	11.514	112	254266	54.219	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	84168	53.558	ug/l	98
67) Ethyl Benzene	11.587	91	449507	55.242	ug/l	98
68) m/p-Xylenes	11.697	106	356563	112.613	ug/l	99
69) o-Xylene	12.026	106	169267	55.592	ug/l	98
70) Styrene	12.038	104	282840	56.230	ug/l	99
71) Bromoform	12.203	173	45476	52.737	ug/l #	99
73) Isopropylbenzene	12.325	105	437177	54.169	ug/l	100
74) N-amyl acetate	12.142	43	88052	53.280	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	72501	50.593	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	57286m	55.256	ug/l	
77) Bromobenzene	12.605	156	99585	53.356	ug/l	97
78) n-propylbenzene	12.666	91	521949	55.262	ug/l	98
79) 2-Chlorotoluene	12.752	91	283489	53.172	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	354087	55.358	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	22404	56.605	ug/l	95
82) 4-Chlorotoluene	12.849	91	291745	54.340	ug/l	98
83) tert-Butylbenzene	13.075	119	325261	54.944	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	353487	55.292	ug/l	99
85) sec-Butylbenzene	13.252	105	478146	56.631	ug/l	99
86) p-Isopropyltoluene	13.367	119	402180	56.186	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	200155	53.168	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	194536	52.660	ug/l	99
89) n-Butylbenzene	13.690	91	367333	56.935	ug/l	99
90) Hexachloroethane	13.959	117	72652	55.872	ug/l	95
91) 1,2-Dichlorobenzene	13.733	146	169543	52.720	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10162	48.973	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	90507	50.516	ug/l	98
94) Hexachlorobutadiene	15.111	225	50250	54.586	ug/l	98
95) Naphthalene	15.233	128	173287	51.757	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	78559	51.895	ug/l	99

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

