

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062724\
 Data File : VY018712.D
 Acq On : 27 Jun 2024 09:52
 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 : Semsettin Yesilyurt 06/28/2024
 Supervised By : Mahesh Dadoda 06/28/2024

Quant Time: Jun 28 03:10:55 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	125615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	201812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	180301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	61652	48.749	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.500%		
35) Dibromofluoromethane	7.704	113	68915	55.979	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	111.960%		
50) Toluene-d8	10.173	98	254189	53.691	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	107.380%		
62) 4-Bromofluorobenzene	12.477	95	79240	53.004	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	106.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	38431	46.452	ug/l	100
3) Chloromethane	2.107	50	74652	43.811	ug/l	98
4) Vinyl Chloride	2.241	62	96464	45.714	ug/l	99
5) Bromomethane	2.637	94	67782	43.216	ug/l	97
6) Chloroethane	2.784	64	63587	46.000	ug/l	98
7) Trichlorofluoromethane	3.107	101	123843	54.500	ug/l	97
8) Diethyl Ether	3.515	74	33798	52.164	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.881	101	68344	57.563	ug/l	99
10) Methyl Iodide	4.070	142	77272	53.774	ug/l	97
11) Tert butyl alcohol	4.942	59	24621	108.232	ug/l #	84
12) 1,1-Dichloroethene	3.857	96	63308	53.059	ug/l	99
13) Acrolein	3.717	56	13131	179.545	ug/l	98
14) Allyl chloride	4.460	41	79082	49.164	ug/l	98
15) Acrylonitrile	5.143	53	72555	251.724	ug/l	99
16) Acetone	3.930	43	74243	288.545	ug/l	92
17) Carbon Disulfide	4.180	76	171641	47.547	ug/l	99
18) Methyl Acetate	4.460	43	35157	53.869	ug/l	100
19) Methyl tert-butyl Ether	5.198	73	164277	51.614	ug/l	99
20) Methylene Chloride	4.692	84	80398	50.854	ug/l	97
21) trans-1,2-Dichloroethene	5.198	96	70227	51.704	ug/l	98
22) Diisopropyl ether	6.100	45	182741	50.323	ug/l	94
23) Vinyl Acetate	6.039	43	747755	222.119	ug/l	99
24) 1,1-Dichloroethane	5.997	63	119017	50.873	ug/l	99
25) 2-Butanone	6.966	43	103548	268.479	ug/l	93
26) 2,2-Dichloropropane	6.966	77	102470	51.988	ug/l	99
27) cis-1,2-Dichloroethene	6.966	96	86309	52.608	ug/l	98
28) Bromochloromethane	7.320	49	43782	45.659	ug/l	93
29) Tetrahydrofuran	7.338	42	59525	251.493	ug/l	99
30) Chloroform	7.496	83	132375	51.920	ug/l	99
31) Cyclohexane	7.771	56	93781	48.409	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	116588	53.826	ug/l	98
36) 1,1-Dichloropropene	7.905	75	91726	54.130	ug/l	100
37) Ethyl Acetate	7.057	43	41936	52.498	ug/l	98
38) Carbon Tetrachloride	7.886	117	104841	58.972	ug/l	97
39) Methylcyclohexane	9.173	83	117818	56.744	ug/l	99
40) Benzene	8.149	78	285729	54.521	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	20536	51.115	ug/l	97
42) 1,2-Dichloroethane	8.228	62	72766	53.222	ug/l	98
43) Isopropyl Acetate	8.264	43	79514	53.331	ug/l	97
44) Trichloroethene	8.935	130	77613	56.567	ug/l	91
45) 1,2-Dichloropropane	9.209	63	64801	54.076	ug/l	98
46) Dibromomethane	9.295	93	41523	55.844	ug/l	99
47) Bromodichloromethane	9.490	83	101575	57.237	ug/l	97
48) Methyl methacrylate	9.289	41	35774	53.297	ug/l	97
49) 1,4-Dioxane	9.289	88	9869	1009.206	ug/l #	97
51) 4-Methyl-2-Pentanone	10.063	43	211213	268.942	ug/l	98
52) Toluene	10.240	92	186544	55.441	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	90757	58.521	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	107894	57.650	ug/l	98
55) 1,1,2-Trichloroethane	10.636	97	56487	57.117	ug/l	96
56) Ethyl methacrylate	10.502	69	71871	55.536	ug/l	94
57) 1,3-Dichloropropane	10.782	76	90797	55.268	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	173989	278.492	ug/l	95
59) 2-Hexanone	10.825	43	154992	281.748	ug/l	100
60) Dibromochloromethane	10.977	129	76317	62.120	ug/l	100
61) 1,2-Dibromoethane	11.081	107	53679	58.730	ug/l	96
64) Tetrachloroethene	10.715	164	78291	60.880	ug/l	98
65) Chlorobenzene	11.514	112	211775	56.858	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	74062	59.336	ug/l	96
67) Ethyl Benzene	11.587	91	360289	55.749	ug/l	96
68) m/p-Xylenes	11.697	106	285954	113.710	ug/l	95
69) o-Xylene	12.026	106	136384	56.397	ug/l	96
70) Styrene	12.038	104	226080	56.590	ug/l	98
71) Bromoform	12.203	173	45942	67.080	ug/l #	97
73) Isopropylbenzene	12.325	105	346508	52.469	ug/l	98
74) N-amyl acetate	12.142	43	67171	49.671	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	61129	52.130	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	39789m	46.902	ug/l	
77) Bromobenzene	12.605	156	88496	57.944	ug/l	88
78) n-propylbenzene	12.666	91	392969	50.845	ug/l	96
79) 2-Chlorotoluene	12.751	91	221267	50.717	ug/l	95
80) 1,3,5-Trimethylbenzene	12.806	105	273724	52.297	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	19675	60.749	ug/l	99
82) 4-Chlorotoluene	12.849	91	217439	49.493	ug/l	92
83) tert-Butylbenzene	13.075	119	259680	53.606	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	272613	52.111	ug/l	98
85) sec-Butylbenzene	13.251	105	359853	52.085	ug/l	95
86) p-Isopropyltoluene	13.367	119	319893	54.614	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	172691	56.059	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	166185	54.975	ug/l	98
89) n-Butylbenzene	13.696	91	273353	51.777	ug/l	96
90) Hexachloroethane	13.959	117	62754	58.977	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	151354	57.516	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8858	52.168	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	96504	65.825	ug/l	98
94) Hexachlorobutadiene	15.111	225	51085	67.816	ug/l	97
95) Naphthalene	15.233	128	178504	65.154	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	81860	66.084	ug/l	99

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

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