

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
 Data File : VY019419.D
 Acq On : 03 Sep 2024 10:26
 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 :Romaben Patel 09/04/2024
 Supervised By :Mahesh Dadoda 09/04/2024

Quant Time: Sep 04 01:29:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	134890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	205204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	169571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	57130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	62351	48.801	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.600%		
35) Dibromofluoromethane	7.634	113	65868	50.770	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.540%		
50) Toluene-d8	10.109	98	253713	53.124	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	106.240%		
62) 4-Bromofluorobenzene	12.408	95	62193	40.262	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	80.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	47629	43.333	ug/l	97
3) Chloromethane	2.062	50	76802	42.951	ug/l	98
4) Vinyl Chloride	2.202	62	96435	47.004	ug/l	96
5) Bromomethane	2.592	94	68535	52.225	ug/l	97
6) Chloroethane	2.733	64	55390	44.328	ug/l	100
7) Trichlorofluoromethane	3.050	101	115820	47.691	ug/l	96
8) Diethyl Ether	3.452	74	28632	49.918	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.806	101	67623	49.049	ug/l	97
10) Methyl Iodide	4.001	142	74576	55.492	ug/l	94
11) Tert butyl alcohol	4.879	59	15218	211.338	ug/l #	83
12) 1,1-Dichloroethene	3.781	96	64386	51.207	ug/l	97
13) Acrolein	3.647	56	13746	163.691	ug/l	99
14) Allyl chloride	4.373	41	87686	50.512	ug/l	94
15) Acrylonitrile	5.061	53	55630	237.408	ug/l	99
16) Acetone	3.873	43	63920	254.358	ug/l #	85
17) Carbon Disulfide	4.098	76	182834	50.369	ug/l	98
18) Methyl Acetate	4.385	43	27821	50.148	ug/l	95
19) Methyl tert-butyl Ether	5.110	73	139016	48.496	ug/l	97
20) Methylene Chloride	4.604	84	64862	45.481	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	70456	49.198	ug/l	98
22) Diisopropyl ether	6.012	45	186119	47.655	ug/l	95
23) Vinyl Acetate	5.958	43	497919	229.061	ug/l	97
24) 1,1-Dichloroethane	5.915	63	114357	48.453	ug/l	98
25) 2-Butanone	6.890	43	81055	241.137	ug/l	92
26) 2,2-Dichloropropane	6.884	77	106728	51.917	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	80285	48.962	ug/l	97
28) Bromochloromethane	7.238	49	48799	50.324	ug/l	96
29) Tetrahydrofuran	7.262	42	45975	227.636	ug/l	92
30) Chloroform	7.415	83	128781	48.742	ug/l	99
31) Cyclohexane	7.701	56	104933	48.296	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	122851	50.103	ug/l	99
36) 1,1-Dichloropropene	7.829	75	92873	50.655	ug/l	99
37) Ethyl Acetate	6.982	43	33259	45.829	ug/l	98
38) Carbon Tetrachloride	7.817	117	114141	51.080	ug/l	97
39) Methylcyclohexane	9.109	83	123161	52.385	ug/l	94
40) Benzene	8.079	78	276231	49.507	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	17956	41.028	ug/l	93
42) 1,2-Dichloroethane	8.158	62	68489	46.253	ug/l	97
43) Isopropyl Acetate	8.195	43	66950	47.271	ug/l #	79
44) Trichloroethene	8.866	130	77302	50.443	ug/l	99
45) 1,2-Dichloropropane	9.140	63	57385	47.453	ug/l	96
46) Dibromomethane	9.231	93	34784	47.818	ug/l	98
47) Bromodichloromethane	9.420	83	96705	50.338	ug/l	95
48) Methyl methacrylate	9.219	41	31035	46.348	ug/l	89
49) 1,4-Dioxane	9.238	88	6912	867.298	ug/l #	92
51) 4-Methyl-2-Pentanone	10.000	43	177909	239.885	ug/l	93
52) Toluene	10.170	92	185323	50.664	ug/l	96
53) t-1,3-Dichloropropene	10.396	75	78394	49.405	ug/l	93
54) cis-1,3-Dichloropropene	9.859	75	93731	49.887	ug/l #	91
55) 1,1,2-Trichloroethane	10.573	97	45755	49.310	ug/l	96
56) Ethyl methacrylate	10.445	69	58904	48.865	ug/l #	86
57) 1,3-Dichloropropane	10.719	76	74351	49.049	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	137342	254.140	ug/l	97
59) 2-Hexanone	10.762	43	128611	261.505	ug/l	89
60) Dibromochloromethane	10.914	129	61653	48.734	ug/l	98
61) 1,2-Dibromoethane	11.018	107	41269	48.275	ug/l	97
64) Tetrachloroethene	10.646	164	83751	50.568	ug/l	96
65) Chlorobenzene	11.444	112	194220	51.194	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	67001	50.931	ug/l	97
67) Ethyl Benzene	11.524	91	356370	53.729	ug/l	96
68) m/p-Xylenes	11.633	106	280657	106.943	ug/l	98
69) o-Xylene	11.957	106	105817	43.289	ug/l	96
70) Styrene	11.975	104	172384	43.098	ug/l	99
71) Bromoform	12.133	173	26851	38.400	ug/l #	100
73) Isopropylbenzene	12.255	105	252715	55.476	ug/l	99
74) N-amyl acetate	12.072	43	46605	53.205	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.511	83	37025	54.688	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	26625m	53.068	ug/l	
77) Bromobenzene	12.536	156	59653	55.579	ug/l	95
78) n-propylbenzene	12.597	91	330387	60.026	ug/l	99
79) 2-Chlorotoluene	12.682	91	178634	58.255	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	219717	61.216	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	11633	57.365	ug/l	94
82) 4-Chlorotoluene	12.780	91	178872	57.663	ug/l	96
83) tert-Butylbenzene	12.999	119	197694	60.223	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	202059	58.638	ug/l	97
85) sec-Butylbenzene	13.176	105	299439	62.241	ug/l	98
86) p-Isopropyltoluene	13.292	119	205730	52.496	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	100980	51.143	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	99910	50.714	ug/l	98
89) n-Butylbenzene	13.621	91	193192	53.653	ug/l	98
90) Hexachloroethane	13.883	117	41424	52.142	ug/l	91
91) 1,2-Dichlorobenzene	13.664	146	88448	50.754	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4716	49.925	ug/l	96
93) 1,2,4-Trichlorobenzene	14.926	180	68533	76.539	ug/l	98
94) Hexachlorobutadiene	15.023	225	41504	66.616	ug/l	99
95) Naphthalene	15.145	128	115318	78.655	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	57528	75.092	ug/l	98

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

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