

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072424\
 Data File : VY018902.D
 Acq On : 24 Jul 2024 10:48
 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 07/25/2024
 Supervised By :Semsettin Yesilyurt 07/25/2024

Quant Time: Jul 25 01:24:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	104871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	158102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	136419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	46466	45.027	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.060%		
35) Dibromofluoromethane	7.704	113	48815	49.297	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.600%		
50) Toluene-d8	10.173	98	173691	46.298	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.600%		
62) 4-Bromofluorobenzene	12.477	95	58851	45.935	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	91.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	42983	48.914	ug/l	99
3) Chloromethane	2.107	50	59712	44.716	ug/l	97
4) Vinyl Chloride	2.241	62	72859	46.641	ug/l	100
5) Bromomethane	2.643	94	53168	49.481	ug/l	96
6) Chloroethane	2.784	64	47976	47.273	ug/l	98
7) Trichlorofluoromethane	3.113	101	102463	50.196	ug/l	99
8) Diethyl Ether	3.515	74	25452	51.158	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	52470	50.100	ug/l	94
10) Methyl Iodide	4.070	142	59037	52.347	ug/l	93
11) Tert butyl alcohol	4.936	59	17752	169.815	ug/l #	82
12) 1,1-Dichloroethene	3.857	96	48852	48.216	ug/l	96
13) Acrolein	3.716	56	9479	113.177	ug/l	93
14) Allyl chloride	4.460	41	64362	51.276	ug/l	94
15) Acrylonitrile	5.149	53	49081	250.067	ug/l	99
16) Acetone	3.930	43	51993	273.284	ug/l #	83
17) Carbon Disulfide	4.180	76	129982	45.816	ug/l	96
18) Methyl Acetate	4.460	43	27520	49.783	ug/l	97
19) Methyl tert-butyl Ether	5.204	73	120081	51.090	ug/l	98
20) Methylene Chloride	4.698	84	60044	56.359	ug/l	99
21) trans-1,2-Dichloroethene	5.210	96	52483	49.079	ug/l	93
22) Diisopropyl ether	6.106	45	141176	51.706	ug/l	94
23) Vinyl Acetate	6.045	43	554998	258.010	ug/l	97
24) 1,1-Dichloroethane	6.003	63	88368	50.691	ug/l	99
25) 2-Butanone	6.972	43	68319	256.182	ug/l	90
26) 2,2-Dichloropropane	6.960	77	83788	51.801	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	63562	51.054	ug/l	100
28) Bromochloromethane	7.326	49	36159	51.643	ug/l	95
29) Tetrahydrofuran	7.338	42	41022	250.911	ug/l	93
30) Chloroform	7.496	83	101689	52.339	ug/l	98
31) Cyclohexane	7.777	56	73205	46.174	ug/l	99
32) 1,1,1-Trichloroethane	7.691	97	95510	52.865	ug/l	99
36) 1,1-Dichloropropene	7.911	75	70590	51.656	ug/l	98
37) Ethyl Acetate	7.063	43	30653	53.965	ug/l	95
38) Carbon Tetrachloride	7.893	117	89652	54.470	ug/l	99
39) Methylcyclohexane	9.179	83	89973	51.377	ug/l	97
40) Benzene	8.155	78	208276	52.539	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	17415	53.776	ug/l	88
42) 1,2-Dichloroethane	8.228	62	58569	52.770	ug/l	97
43) Isopropyl Acetate	8.264	43	58206	51.498	ug/l #	81
44) Trichloroethene	8.935	130	61707	54.456	ug/l	99
45) 1,2-Dichloropropane	9.209	63	46287	53.620	ug/l	97
46) Dibromomethane	9.301	93	30373	54.281	ug/l	97
47) Bromodichloromethane	9.490	83	77993	55.795	ug/l	97
48) Methyl methacrylate	9.283	41	26870	52.303	ug/l	90
49) 1,4-Dioxane	9.295	88	6962	1061.415	ug/l #	93
51) 4-Methyl-2-Pentanone	10.063	43	150324	260.499	ug/l	93
52) Toluene	10.240	92	133313	50.596	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	65949	54.643	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	77772	54.928	ug/l #	90
55) 1,1,2-Trichloroethane	10.642	97	38487	54.317	ug/l	94
56) Ethyl methacrylate	10.508	69	49657	53.230	ug/l #	85
57) 1,3-Dichloropropane	10.782	76	62701	53.381	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	119507	268.145	ug/l	93
59) 2-Hexanone	10.825	43	107104	265.300	ug/l	90
60) Dibromochloromethane	10.977	129	54637	56.121	ug/l	99
61) 1,2-Dibromoethane	11.087	107	36008	52.272	ug/l	98
64) Tetrachloroethene	10.715	164	60492	54.783	ug/l	97
65) Chlorobenzene	11.514	112	157151	54.609	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	55002	55.473	ug/l	97
67) Ethyl Benzene	11.587	91	268843	53.328	ug/l	97
68) m/p-Xylenes	11.703	106	209192	105.742	ug/l	97
69) o-Xylene	12.026	106	101802	54.735	ug/l	98
70) Styrene	12.044	104	168901	54.425	ug/l	97
71) Bromoform	12.203	173	32006	59.221	ug/l #	97
73) Isopropylbenzene	12.325	105	263272	52.280	ug/l	98
74) N-amyl acetate	12.142	43	52946	51.410	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	40419	50.914	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	27554m	51.128	ug/l	
77) Bromobenzene	12.605	156	62832	52.264	ug/l	94
78) n-propylbenzene	12.672	91	307989	51.502	ug/l	97
79) 2-Chlorotoluene	12.751	91	173481	51.591	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	221543	53.767	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	12389	51.450	ug/l #	82
82) 4-Chlorotoluene	12.855	91	181284	52.356	ug/l	98
83) tert-Butylbenzene	13.075	119	204204	53.680	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	214459	52.377	ug/l	98
85) sec-Butylbenzene	13.251	105	290710	53.840	ug/l	97
86) p-Isopropyltoluene	13.367	119	248859	53.387	ug/l	95
87) 1,3-Dichlorobenzene	13.361	146	128664	54.492	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	125430	53.598	ug/l	99
89) n-Butylbenzene	13.696	91	224660	53.161	ug/l	98
90) Hexachloroethane	13.958	117	48749	56.233	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	110895	54.370	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6674	51.882	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	70237	56.412	ug/l	98
94) Hexachlorobutadiene	15.111	225	42904	59.784	ug/l	97
95) Naphthalene	15.233	128	118696	55.571	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	59714	56.053	ug/l	98

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

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