

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019595.D
 Acq On : 18 Sep 2024 09:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 19 01:22:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 09/19/2024
 Supervised By :Mahesh Dadoda 09/19/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	380336	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	645835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	552207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	261160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	190747	54.161	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.320%			
35) Dibromofluoromethane	7.634	113	191090	52.185	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.380%			
50) Toluene-d8	10.109	98	705769	52.109	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.220%			
62) 4-Bromofluorobenzene	12.408	95	250205	48.044	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 96.080%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	91519	43.492	ug/l	99
3) Chloromethane	2.068	50	163637	52.002	ug/l	100
4) Vinyl Chloride	2.202	62	194639	57.202	ug/l	98
5) Bromomethane	2.598	94	144158	68.973	ug/l	99
6) Chloroethane	2.733	64	138046	62.060	ug/l	100
7) Trichlorofluoromethane	3.056	101	313756	55.316	ug/l	98
8) Diethyl Ether	3.452	74	95609	50.216	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.812	101	179098	51.043	ug/l	95
10) Methyl Iodide	4.001	142	202350	44.981	ug/l	92
11) Tert butyl alcohol	4.885	59	74500	261.941	ug/l	# 81
12) 1,1-Dichloroethene	3.787	96	167587	49.664	ug/l	89
13) Acrolein	3.659	56	24097	171.491	ug/l	99
14) Allyl chloride	4.379	41	294293	48.633	ug/l	# 93
15) Acrylonitrile	5.061	53	204126	248.647	ug/l	99
16) Acetone	3.879	43	256501	305.714	ug/l	# 87
17) Carbon Disulfide	4.104	76	452249	49.604	ug/l	98
18) Methyl Acetate	4.391	43	107740	47.318	ug/l	90
19) Methyl tert-butyl Ether	5.110	73	491426	51.420	ug/l	98
20) Methylene Chloride	4.610	84	192695	50.360	ug/l	89
21) trans-1,2-Dichloroethene	5.116	96	190129	51.405	ug/l	93
22) Diisopropyl ether	6.019	45	637820	51.327	ug/l	95
23) Vinyl Acetate	5.958	43	1825543	257.195	ug/l	# 93
24) 1,1-Dichloroethane	5.915	63	368560	52.855	ug/l	96
25) 2-Butanone	6.896	43	331305	277.637	ug/l	# 86
26) 2,2-Dichloropropane	6.884	77	339186	53.925	ug/l	96
27) cis-1,2-Dichloroethene	6.884	96	234977	52.300	ug/l	89
28) Bromochloromethane	7.244	49	172303	58.728	ug/l	84
29) Tetrahydrofuran	7.262	42	175802	242.303	ug/l	86
30) Chloroform	7.421	83	384786	54.055	ug/l	96
31) Cyclohexane	7.701	56	299947	47.589	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	341299	53.492	ug/l	96
36) 1,1-Dichloropropene	7.835	75	266462	53.478	ug/l	96
37) Ethyl Acetate	6.982	43	129965	50.907	ug/l	97
38) Carbon Tetrachloride	7.817	117	297693	52.982	ug/l	99
39) Methylcyclohexane	9.109	83	334588	50.460	ug/l	90
40) Benzene	8.079	78	803298	52.343	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	76352	51.306	ug/l #	84
42) 1,2-Dichloroethane	8.158	62	223080	54.020	ug/l	95
43) Isopropyl Acetate	8.195	43	263992	49.219	ug/l	91
44) Trichloroethene	8.866	130	200936	50.910	ug/l	91
45) 1,2-Dichloropropane	9.140	63	194531	51.849	ug/l	100
46) Dibromomethane	9.231	93	110106	53.665	ug/l	93
47) Bromodichloromethane	9.420	83	294297	53.361	ug/l	98
48) Methyl methacrylate	9.219	41	122850	48.503	ug/l	85
49) 1,4-Dioxane	9.244	88	22762	942.399	ug/l #	83
51) 4-Methyl-2-Pentanone	10.000	43	671177	248.734	ug/l	91
52) Toluene	10.170	92	519215	52.605	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	271920	51.721	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	314916	51.441	ug/l #	89
55) 1,1,2-Trichloroethane	10.573	97	147475	52.050	ug/l	97
56) Ethyl methacrylate	10.438	69	215710	50.118	ug/l #	82
57) 1,3-Dichloropropane	10.719	76	251645	51.669	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	520831	260.725	ug/l	98
59) 2-Hexanone	10.762	43	522037	263.886	ug/l	89
60) Dibromochloromethane	10.914	129	196386	52.397	ug/l	99
61) 1,2-Dibromoethane	11.018	107	134919	51.107	ug/l	98
64) Tetrachloroethene	10.652	164	173899	50.854	ug/l	97
65) Chlorobenzene	11.444	112	570590	52.530	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	197666	52.559	ug/l	99
67) Ethyl Benzene	11.518	91	1015940	52.638	ug/l	99
68) m/p-Xylenes	11.627	106	759926	104.129	ug/l	94
69) o-Xylene	11.956	106	366677	51.376	ug/l	94
70) Styrene	11.969	104	624815	51.851	ug/l	96
71) Bromoform	12.133	173	108773	50.637	ug/l #	98
73) Isopropylbenzene	12.255	105	986243	52.055	ug/l	99
74) N-amyl acetate	12.072	43	245961	47.734	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	170811	50.793	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	128183m	52.366	ug/l	
77) Bromobenzene	12.530	156	212566	50.587	ug/l	91
78) n-propylbenzene	12.597	91	1180571	52.571	ug/l	99
79) 2-Chlorotoluene	12.682	91	673773	51.484	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	798951	51.871	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	58963	46.242	ug/l	90
82) 4-Chlorotoluene	12.780	91	696488	51.766	ug/l	95
83) tert-Butylbenzene	12.999	119	727308	52.160	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	788304	51.704	ug/l	97
85) sec-Butylbenzene	13.176	105	1051158	51.892	ug/l	100
86) p-Isopropyltoluene	13.292	119	863014	52.073	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	421425	51.613	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	412284	50.879	ug/l	97
89) n-Butylbenzene	13.621	91	824360	52.030	ug/l	99
90) Hexachloroethane	13.877	117	174731	50.670	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	372344	51.102	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	26508	47.296	ug/l	84
93) 1,2,4-Trichlorobenzene	14.919	180	208279	46.999	ug/l	97
94) Hexachlorobutadiene	15.023	225	113553	47.965	ug/l	99
95) Naphthalene	15.145	128	401470	45.239	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	173852	45.864	ug/l	98

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

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