

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053024\
 Data File : VY018415.D
 Acq On : 30 May 2024 16:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 31 01:03:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/31/2024
 Supervised By :Semsettin Yesilyurt 05/31/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	96470	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	179292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	162566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	76051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	56916	62.273	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.540%			
35) Dibromofluoromethane	7.710	113	55150	52.748	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.500%			
50) Toluene-d8	10.179	98	216279	53.057	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.120%			
62) 4-Bromofluorobenzene	12.477	95	71684	56.912	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 113.820%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	34098	41.412	ug/l	97
3) Chloromethane	2.107	50	90004	67.263	ug/l	99
4) Vinyl Chloride	2.241	62	99520	66.482	ug/l	99
5) Bromomethane	2.644	94	66848	62.460	ug/l	98
6) Chloroethane	2.784	64	66093	68.017	ug/l	100
7) Trichlorofluoromethane	3.113	101	97499	58.038	ug/l	94
8) Diethyl Ether	3.521	74	33398	62.262	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.881	101	55580	53.629	ug/l	91
10) Methyl Iodide	4.076	142	60844	58.377	ug/l	96
11) Tert butyl alcohol	4.942	59	29729	375.992	ug/l	# 76
12) 1,1-Dichloroethene	3.857	96	55700	54.569	ug/l	85
13) Acrolein	3.717	56	17016	223.769	ug/l	98
14) Allyl chloride	4.466	41	95130	66.730	ug/l	94
15) Acrylonitrile	5.149	53	85205	367.245	ug/l	99
16) Acetone	3.936	43	61913	329.356	ug/l	89
17) Carbon Disulfide	4.186	76	171586	60.197	ug/l	97
18) Methyl Acetate	4.466	43	36159	72.571	ug/l	91
19) Methyl tert-butyl Ether	5.210	73	168298	68.761	ug/l	99
20) Methylene Chloride	4.704	84	71947	68.237	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	66249	61.524	ug/l	95
22) Diisopropyl ether	6.106	45	215279	72.669	ug/l	95
23) Vinyl Acetate	6.045	43	702153	370.152	ug/l	95
24) 1,1-Dichloroethane	6.003	63	122706	67.540	ug/l	98
25) 2-Butanone	6.978	43	110681	371.545	ug/l	# 86
26) 2,2-Dichloropropane	6.966	77	92122	58.656	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	81520	64.426	ug/l	95
28) Bromochloromethane	7.320	49	38981	63.173	ug/l	# 81
29) Tetrahydrofuran	7.338	42	73413	374.411	ug/l	90
30) Chloroform	7.496	83	124034	66.980	ug/l	99
31) Cyclohexane	7.777	56	101297	63.612	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	101295	62.321	ug/l	96
36) 1,1-Dichloropropene	7.911	75	89431	58.981	ug/l	96
37) Ethyl Acetate	7.064	43	47623	65.656	ug/l	99
38) Carbon Tetrachloride	7.893	117	86732	55.848	ug/l	96
39) Methylcyclohexane	9.179	83	114473	54.120	ug/l	96
40) Benzene	8.155	78	280325	60.647	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	29238	80.753	ug/l #	84
42) 1,2-Dichloroethane	8.228	62	72385	65.103	ug/l	99
43) Isopropyl Acetate	8.265	43	98664	69.715	ug/l	91
44) Trichloroethene	8.935	130	66441	56.078	ug/l	92
45) 1,2-Dichloropropane	9.209	63	68111	65.517	ug/l	98
46) Dibromomethane	9.301	93	38971	63.884	ug/l	91
47) Bromodichloromethane	9.490	83	93074	62.869	ug/l #	99
48) Methyl methacrylate	9.289	41	44800	69.981	ug/l	88
49) 1,4-Dioxane	9.295	88	10440	1319.058	ug/l #	91
51) 4-Methyl-2-Pentanone	10.063	43	268985	376.598	ug/l	92
52) Toluene	10.240	92	177136	61.133	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	88160	65.134	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	104817	63.200	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	51709	63.983	ug/l	94
56) Ethyl methacrylate	10.508	69	77664	70.060	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	92960	67.864	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	129510	258.556	ug/l	95
59) 2-Hexanone	10.831	43	184713	375.837	ug/l	90
60) Dibromochloromethane	10.984	129	61256	62.752	ug/l	99
61) 1,2-Dibromoethane	11.087	107	48768	65.399	ug/l	100
64) Tetrachloroethene	10.715	164	60746	52.676	ug/l	97
65) Chlorobenzene	11.514	112	191125	56.913	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	61664	58.044	ug/l	98
67) Ethyl Benzene	11.593	91	346812	58.806	ug/l	97
68) m/p-Xylenes	11.703	106	262148	115.527	ug/l	97
69) o-Xylene	12.026	106	125571	58.638	ug/l	99
70) Styrene	12.044	104	214841	60.692	ug/l	100
71) Bromoform	12.203	173	33849	60.238	ug/l #	96
73) Isopropylbenzene	12.331	105	326848	54.680	ug/l	98
74) N-amyl acetate	12.142	43	88178	63.229	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	62385	61.251	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	43102m	63.058	ug/l	
77) Bromobenzene	12.605	156	69204	52.860	ug/l	90
78) n-propylbenzene	12.672	91	391608	54.715	ug/l	98
79) 2-Chlorotoluene	12.752	91	215575	55.634	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	258455	55.023	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	19803	59.609	ug/l	97
82) 4-Chlorotoluene	12.855	91	214079	54.490	ug/l	99
83) tert-Butylbenzene	13.075	119	232975	53.657	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	251548	54.453	ug/l	100
85) sec-Butylbenzene	13.251	105	341096	53.117	ug/l	99
86) p-Isopropyltoluene	13.367	119	274613	52.282	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	141053	54.715	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	138252	53.881	ug/l	100
89) n-Butylbenzene	13.696	91	258646	52.399	ug/l	100
90) Hexachloroethane	13.959	117	53481	55.136	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	124730	55.759	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8521	60.996	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	64642	50.732	ug/l	98
94) Hexachlorobutadiene	15.111	225	30632	46.977	ug/l	98
95) Naphthalene	15.233	128	143499	57.272	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	55525	51.256	ug/l	99

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

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