

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060524\
 Data File : VY018480.D
 Acq On : 05 Jun 2024 12:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/06/2024
 Supervised By :Semsettin Yesilyurt 06/06/2024

Quant Time: Jun 06 08:00:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	42330	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	67588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	64137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	48699	58.582	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.160%			
35) Dibromofluoromethane	7.703	113	48275	56.326	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.660%			
50) Toluene-d8	10.173	98	189213	55.494	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.980%			
62) 4-Bromofluorobenzene	12.477	95	62302	58.687	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 117.380%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	28866	42.938	ug/l	93
3) Chloromethane	2.107	50	64142	51.161	ug/l	95
4) Vinyl Chloride	2.241	62	77902	51.948	ug/l	96
5) Bromomethane	2.637	94	51293	51.268	ug/l	97
6) Chloroethane	2.784	64	53847	56.871	ug/l	98
7) Trichlorofluoromethane	3.107	101	76820	49.510	ug/l	95
8) Diethyl Ether	3.515	74	24533	52.550	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.881	101	43503	48.150	ug/l	93
10) Methyl Iodide	4.076	142	47672	53.719	ug/l	95
11) Tert butyl alcohol	4.936	59	21142	220.334	ug/l	# 78
12) 1,1-Dichloroethene	3.857	96	43439	48.916	ug/l	94
13) Acrolein	3.716	56	25333	297.720	ug/l	98
14) Allyl chloride	4.466	41	69277	53.267	ug/l	94
15) Acrylonitrile	5.143	53	59001	276.351	ug/l	96
16) Acetone	3.936	43	60347	327.073	ug/l	# 86
17) Carbon Disulfide	4.174	76	119094	45.717	ug/l	98
18) Methyl Acetate	4.460	43	24850	53.860	ug/l	96
19) Methyl tert-butyl Ether	5.204	73	116601	54.481	ug/l	100
20) Methylene Chloride	4.698	84	58694	59.300	ug/l	93
21) trans-1,2-Dichloroethene	5.204	96	47518	50.142	ug/l	94
22) Diisopropyl ether	6.106	45	158684	59.913	ug/l	95
23) Vinyl Acetate	6.045	43	513908	298.140	ug/l	# 92
24) 1,1-Dichloroethane	6.003	63	90428	54.738	ug/l	100
25) 2-Butanone	6.972	43	84710	299.695	ug/l	# 87
26) 2,2-Dichloropropane	6.972	77	71851	49.485	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	57465	52.129	ug/l	91
28) Bromochloromethane	7.319	49	40826	53.703	ug/l	82
29) Tetrahydrofuran	7.338	42	51964	283.081	ug/l	87
30) Chloroform	7.496	83	91165	55.021	ug/l	99
31) Cyclohexane	7.771	56	73671	47.531	ug/l	89
32) 1,1,1-Trichloroethane	7.691	97	75171	51.799	ug/l	97
36) 1,1-Dichloropropene	7.905	75	65004	49.742	ug/l	96
37) Ethyl Acetate	7.063	43	35929	55.035	ug/l	98
38) Carbon Tetrachloride	7.892	117	62458	47.694	ug/l	99
39) Methylcyclohexane	9.173	83	82072	46.457	ug/l	95
40) Benzene	8.148	78	207093	52.890	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.289	41	15266	48.074	ug/l #	94
42) 1,2-Dichloroethane	8.228	62	53276	55.965	ug/l	99
43) Isopropyl Acetate	8.264	43	70849	58.039	ug/l #	80
44) Trichloroethene	8.935	130	47778	49.239	ug/l	99
45) 1,2-Dichloropropane	9.209	63	49803	55.617	ug/l	99
46) Dibromomethane	9.295	93	28093	54.719	ug/l	89
47) Bromodichloromethane	9.490	83	67527	54.793	ug/l #	98
48) Methyl methacrylate	9.289	41	31485	56.060	ug/l	88
49) 1,4-Dioxane	9.282	88	7630	1131.701	ug/l #	94
51) 4-Methyl-2-Pentanone	10.063	43	188836	297.914	ug/l	91
52) Toluene	10.240	92	129713	53.861	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	64312	56.825	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	75416	54.120	ug/l #	91
55) 1,1,2-Trichloroethane	10.642	97	36872	55.201	ug/l	94
56) Ethyl methacrylate	10.508	69	53893	57.336	ug/l #	84
57) 1,3-Dichloropropane	10.782	76	64327	56.729	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	141740	280.812	ug/l	94
59) 2-Hexanone	10.825	43	138029	315.118	ug/l	89
60) Dibromochloromethane	10.983	129	43838	53.721	ug/l	99
61) 1,2-Dibromoethane	11.087	107	34735	55.223	ug/l	97
64) Tetrachloroethene	10.715	164	41999	44.456	ug/l	95
65) Chlorobenzene	11.514	112	134483	48.894	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	43267	48.650	ug/l	100
67) Ethyl Benzene	11.587	91	249270	49.792	ug/l	100
68) m/p-Xylenes	11.697	106	189298	100.418	ug/l	96
69) o-Xylene	12.026	106	90844	50.061	ug/l	97
70) Styrene	12.038	104	155362	52.400	ug/l	99
71) Bromoform	12.203	173	23729	50.646	ug/l #	94
73) Isopropylbenzene	12.325	105	237180	47.286	ug/l	99
74) N-amyl acetate	12.142	43	62227	50.968	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	43373	49.123	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	29792m	49.429	ug/l	
77) Bromobenzene	12.605	156	49582	46.557	ug/l	90
78) n-propylbenzene	12.666	91	292366	48.566	ug/l	98
79) 2-Chlorotoluene	12.751	91	159674	48.789	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	192529	49.284	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	13942	48.598	ug/l	89
82) 4-Chlorotoluene	12.849	91	163637	49.688	ug/l	99
83) tert-Butylbenzene	13.074	119	174408	48.280	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	192396	50.305	ug/l	98
85) sec-Butylbenzene	13.251	105	257271	48.359	ug/l	98
86) p-Isopropyltoluene	13.367	119	213060	49.622	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	105955	50.437	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	101771	49.312	ug/l	98
89) n-Butylbenzene	13.696	91	204819	50.199	ug/l	99
90) Hexachloroethane	13.958	117	38629	47.999	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	90639	49.583	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5940	44.209	ug/l	90
93) 1,2,4-Trichlorobenzene	15.001	180	47016	47.556	ug/l	97
94) Hexachlorobutadiene	15.111	225	23513	44.780	ug/l	98
95) Naphthalene	15.233	128	100695	50.713	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	39890	47.688	ug/l	97

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

