

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
 Data File : VY016914.D
 Acq On : 05 Jan 2024 10:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/08/2024
 Supervised By :Semsettin Yesilyurt 01/08/2024

Quant Time: Jan 05 22:32:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	123383	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	205607	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	174404	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	76330	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	59404	48.713	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.420%		
35) Dibromofluoromethane	7.746	113	66505	50.759	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.520%		
50) Toluene-d8	10.203	98	235667	52.235	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	104.460%		
62) 4-Bromofluorobenzene	12.502	95	75097	49.335	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	46885	50.634	ug/l	98
3) Chloromethane	2.131	50	74198	51.192	ug/l	100
4) Vinyl Chloride	2.272	62	89542	52.375	ug/l	99
5) Bromomethane	2.674	94	62833	51.301	ug/l	92
6) Chloroethane	2.820	64	61444	53.130	ug/l	98
7) Trichlorofluoromethane	3.156	101	110706	52.554	ug/l	99
8) Diethyl Ether	3.558	74	34980	51.961	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.930	101	72083	52.628	ug/l	99
10) Methyl Iodide	4.125	142	66221	56.831	ug/l	97
11) Tert butyl alcohol	4.985	59	20182	224.051	ug/l	97
12) 1,1-Dichloroethene	3.906	96	63373	53.926	ug/l	95
13) Acrolein	3.759	56	28640	214.239	ug/l	100
14) Allyl chloride	4.515	41	101796	54.793	ug/l	99
15) Acrylonitrile	5.198	53	77904	247.403	ug/l	99
16) Acetone	3.973	43	86978	293.604	ug/l	98
17) Carbon Disulfide	4.229	76	151409	53.921	ug/l	100
18) Methyl Acetate	4.509	43	72460	55.461	ug/l	98
19) Methyl tert-butyl Ether	5.253	73	159170	52.061	ug/l	99
20) Methylene Chloride	4.753	84	76266	48.106	ug/l	98
21) trans-1,2-Dichloroethene	5.253	96	73075	54.293	ug/l	99
22) Diisopropyl ether	6.155	45	239485	55.758	ug/l	94
23) Vinyl Acetate	6.094	43	502552	255.180	ug/l	99
24) 1,1-Dichloroethane	6.052	63	140441	54.412	ug/l	98
25) 2-Butanone	7.015	43	109924	264.715	ug/l	99
26) 2,2-Dichloropropane	7.015	77	121021	54.078	ug/l	99
27) cis-1,2-Dichloroethene	7.015	96	87547	55.489	ug/l	99
28) Bromochloromethane	7.362	49	58600	60.476	ug/l	98
29) Tetrahydrofuran	7.374	42	60217	243.975	ug/l	98
30) Chloroform	7.533	83	143822	54.072	ug/l	99
31) Cyclohexane	7.813	56	108502	51.840	ug/l	98
32) 1,1,1-Trichloroethane	7.728	97	123029	54.552	ug/l	99
36) 1,1-Dichloropropene	7.948	75	104781	54.875	ug/l	99
37) Ethyl Acetate	7.100	43	42272	48.716	ug/l	99
38) Carbon Tetrachloride	7.929	117	106517	54.907	ug/l	99
39) Methylcyclohexane	9.209	83	121008	56.373	ug/l	98
40) Benzene	8.185	78	312655	54.585	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	24734	54.123	ug/l	97
42) 1,2-Dichloroethane	8.258	62	80061	52.650	ug/l	100
43) Isopropyl Acetate	8.295	43	81172	48.849	ug/l	99
44) Trichloroethene	8.966	130	78599	53.927	ug/l	98
45) 1,2-Dichloropropane	9.240	63	79972	54.195	ug/l	98
46) Dibromomethane	9.331	93	38847	51.618	ug/l	98
47) Bromodichloromethane	9.520	83	108456	53.667	ug/l	96
48) Methyl methacrylate	9.313	41	45576	50.823	ug/l	98
49) 1,4-Dioxane	9.319	88	7556	969.660	ug/l	96
51) 4-Methyl-2-Pentanone	10.093	43	219307	248.166	ug/l	100
52) Toluene	10.264	92	194228	56.187	ug/l	100
53) t-1,3-Dichloropropene	10.484	75	96695	53.417	ug/l	100
54) cis-1,3-Dichloropropene	9.953	75	117941	54.253	ug/l	99
55) 1,1,2-Trichloroethane	10.667	97	56441	51.335	ug/l	98
56) Ethyl methacrylate	10.532	69	49015	52.633	ug/l	97
57) 1,3-Dichloropropane	10.813	76	96903	52.789	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.807	63	148036	252.438	ug/l	99
59) 2-Hexanone	10.856	43	161442	248.104	ug/l	100
60) Dibromochloromethane	11.008	129	66752	52.647	ug/l	99
61) 1,2-Dibromoethane	11.112	107	50720	53.096	ug/l	98
64) Tetrachloroethene	10.740	164	61696	54.565	ug/l	98
65) Chlorobenzene	11.538	112	200365	55.149	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.611	131	75908	54.962	ug/l	99
67) Ethyl Benzene	11.618	91	373503	57.103	ug/l	100
68) m/p-Xylenes	11.721	106	274579	114.364	ug/l	98
69) o-Xylene	12.050	106	129429	57.504	ug/l	98
70) Styrene	12.069	104	188307	57.483	ug/l	99
71) Bromoform	12.227	173	35394	52.057	ug/l #	98
73) Isopropylbenzene	12.349	105	354692	56.904	ug/l	100
74) N-amyl acetate	12.166	43	64225	51.284	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	63848	50.273	ug/l	99
76) 1,2,3-Trichloropropane	12.654	75	46836m	56.543	ug/l	
77) Bromobenzene	12.630	156	74328	54.161	ug/l	98
78) n-propylbenzene	12.691	91	432771	57.111	ug/l	100
79) 2-Chlorotoluene	12.776	91	234388	55.780	ug/l	100
80) 1,3,5-Trimethylbenzene	12.837	105	281487	57.101	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.398	75	18367	50.351	ug/l	98
82) 4-Chlorotoluene	12.873	91	238121	55.468	ug/l	99
83) tert-Butylbenzene	13.099	119	245260	56.486	ug/l	97
84) 1,2,4-Trimethylbenzene	13.142	105	280516	57.782	ug/l	100
85) sec-Butylbenzene	13.276	105	372419	57.886	ug/l	99
86) p-Isopropyltoluene	13.392	119	304857	57.415	ug/l	99
87) 1,3-Dichlorobenzene	13.386	146	146940	54.595	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	141640	53.805	ug/l	99
89) n-Butylbenzene	13.715	91	297977	58.368	ug/l	99
90) Hexachloroethane	13.983	117	62683	54.939	ug/l	100
91) 1,2-Dichlorobenzene	13.757	146	126351	54.322	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.379	75	7485	46.999	ug/l	97
93) 1,2,4-Trichlorobenzene	15.032	180	66472	57.551	ug/l	99
94) Hexachlorobutadiene	15.135	225	40455	55.911	ug/l	99
95) Naphthalene	15.257	128	114721	53.956	ug/l	100
96) 1,2,3-Trichlorobenzene	15.446	180	54422	55.492	ug/l	98

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

