

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016224.D
 Acq On : 03 Nov 2023 21:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Nov 03 23:09:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	151481	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	250072	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	218636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	103770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	79383	56.004	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.000%	
35) Dibromofluoromethane	7.740	113	76963	51.623	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.240%	
50) Toluene-d8	10.197	98	311638	52.722	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.440%	
62) 4-Bromofluorobenzene	12.495	95	103656	51.284	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.560%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	46122	47.731	ug/l	98
3) Chloromethane	2.125	50	63954	47.803	ug/l	99
4) Vinyl Chloride	2.259	62	70213	50.849	ug/l	96
5) Bromomethane	2.668	94	49618	53.246	ug/l	98
6) Chloroethane	2.808	64	50042	51.477	ug/l	100
7) Trichlorofluoromethane	3.143	101	107732	51.680	ug/l	100
8) Diethyl Ether	3.546	74	38705	56.020	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.918	101	65262	49.695	ug/l	96
10) Methyl Iodide	4.113	142	79996	54.780	ug/l	96
11) Tert butyl alcohol	4.978	59	28295	267.173	ug/l #	81
12) 1,1-Dichloroethene	3.893	96	60076	50.120	ug/l	93
13) Acrolein	3.747	56	20975	214.348	ug/l	99
14) Allyl chloride	4.503	41	98654	57.541	ug/l #	95
15) Acrylonitrile	5.186	53	84319	285.600	ug/l	98
16) Acetone	3.973	43	58840	260.874	ug/l	95
17) Carbon Disulfide	4.223	76	149532	49.968	ug/l	99
18) Methyl Acetate	4.503	43	67978	59.634	ug/l #	90
19) Methyl tert-butyl Ether	5.247	73	194215	56.963	ug/l	99
20) Methylene Chloride	4.747	84	80513	56.225	ug/l	88
21) trans-1,2-Dichloroethene	5.253	96	73461	52.615	ug/l	93
22) Diisopropyl ether	6.143	45	237064	57.167	ug/l	90
23) Vinyl Acetate	6.088	43	556945	273.542	ug/l #	94
24) 1,1-Dichloroethane	6.045	63	138180	55.676	ug/l	97
25) 2-Butanone	7.009	43	104892	268.223	ug/l	91
26) 2,2-Dichloropropane	7.009	77	118936	50.695	ug/l	97
27) cis-1,2-Dichloroethene	7.009	96	91342	55.591	ug/l	91
28) Bromochloromethane	7.356	49	52939	57.002	ug/l	89
29) Tetrahydrofuran	7.368	42	70813	288.867	ug/l	91
30) Chloroform	7.527	83	150481	55.691	ug/l	95
31) Cyclohexane	7.807	56	103050	47.293	ug/l	91
32) 1,1,1-Trichloroethane	7.722	97	129964	52.447	ug/l	97
36) 1,1-Dichloropropene	7.941	75	103839	48.235	ug/l	99
37) Ethyl Acetate	7.100	43	50743	52.921	ug/l #	95
38) Carbon Tetrachloride	7.923	117	114137	53.515	ug/l	96
39) Methylcyclohexane	9.203	83	118855	46.252	ug/l	92
40) Benzene	8.179	78	315089	50.982	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	31562m	56.709	ug/l	11/06/2023
42) 1,2-Dichloroethane	8.258	62	91318	52.946	ug/l	Supervised By :Mahesh
43) Isopropyl Acetate	8.289	43	100817	53.155	ug/l #	95Dadoda
44) Trichloroethene	8.959	130	89795	49.648	ug/l	91
45) 1,2-Dichloropropane	9.234	63	81110	54.554	ug/l	98
46) Dibromomethane	9.325	93	44059	52.239	ug/l	98
47) Bromodichloromethane	9.514	83	116097	54.177	ug/l	99
48) Methyl methacrylate	9.307	41	44543	51.647	ug/l	9711/06/2023
49) 1,4-Dioxane	9.313	88	10063	1003.309	ug/l #	89
51) 4-Methyl-2-Pentanone	10.087	43	260069	274.808	ug/l	54
52) Toluene	10.258	92	205654	51.351	ug/l	93
53) t-1,3-Dichloropropene	10.484	75	113235	52.933	ug/l	94
54) cis-1,3-Dichloropropene	9.947	75	131764	52.492	ug/l	99
55) 1,1,2-Trichloroethane	10.660	97	62280	52.496	ug/l	92
56) Ethyl methacrylate	10.526	69	83668	54.304	ug/l #	97
57) 1,3-Dichloropropane	10.807	76	106228	52.597	ug/l	87
58) 2-Chloroethyl Vinyl ether	9.801	63	197394	264.208	ug/l	98
59) 2-Hexanone	10.849	43	174882	269.668	ug/l	93
60) Dibromochloromethane	11.002	129	79220	53.226	ug/l	91
61) 1,2-Dibromoethane	11.105	107	58956	52.245	ug/l	99
64) Tetrachloroethene	10.734	164	93093	47.869	ug/l	99
65) Chlorobenzene	11.532	112	222042	51.117	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.605	131	85906	53.394	ug/l	100
67) Ethyl Benzene	11.605	91	390774	50.297	ug/l	99
68) m/p-Xylenes	11.715	106	301044	100.274	ug/l	99
69) o-Xylene	12.044	106	145716	50.835	ug/l	95
70) Styrene	12.056	104	245821	51.586	ug/l	96
71) Bromoform	12.221	173	48463	54.297	ug/l #	96
73) Isopropylbenzene	12.343	105	382345	49.119	ug/l	99
74) N-amyl acetate	12.154	43	87976	52.010	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	66490	53.680	ug/l	90
76) 1,2,3-Trichloropropane	12.648	75	44719m	45.762	ug/l	100
77) Bromobenzene	12.623	156	89197	50.606	ug/l	99
78) n-propylbenzene	12.684	91	451050	49.012	ug/l	95
79) 2-Chlorotoluene	12.770	91	258186	50.301	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	309335	49.051	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	23823	52.858	ug/l	96
82) 4-Chlorotoluene	12.867	91	261585	49.630	ug/l	93
83) tert-Butylbenzene	13.087	119	284950	50.499	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	308819	49.489	ug/l	97
85) sec-Butylbenzene	13.270	105	403489	48.719	ug/l	99
86) p-Isopropyltoluene	13.385	119	334908	48.792	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	172365	49.447	ug/l	98
88) 1,4-Dichlorobenzene	13.459	146	171290	49.717	ug/l	99
89) n-Butylbenzene	13.709	91	298973	47.404	ug/l	99
90) Hexachloroethane	13.977	117	63707	53.858	ug/l	97
91) 1,2-Dichlorobenzene	13.751	146	154181	51.192	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.367	75	10192	45.978	ug/l	99
93) 1,2,4-Trichlorobenzene	15.019	180	87420	47.027	ug/l	89
94) Hexachlorobutadiene	15.123	225	46823	46.094	ug/l	99
95) Naphthalene	15.251	128	169618	46.968	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	74307	46.793	ug/l	99

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

11/06/2023
Supervised By :Mahesh
Dadoda

11/06/2023

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