

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042823\
 Data File : VY013513.D
 Acq On : 28 Apr 2023 09:40
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/29/2023
 Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 28 15:18:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	296316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	445675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	404985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	200637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	166236	51.177	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.360%	
35) Dibromofluoromethane	7.722	113	148055	52.818	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.640%	
50) Toluene-d8	10.179	98	519525	52.100	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.200%	
62) 4-Bromofluorobenzene	12.483	95	182056	54.156	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	156337	55.497	ug/l	98
3) Chloromethane	2.113	50	175452	46.465	ug/l	98
4) Vinyl Chloride	2.253	62	174865	46.510	ug/l	99
5) Bromomethane	2.656	94	126149	42.104	ug/l	97
6) Chloroethane	2.796	64	110823	42.667	ug/l	97
7) Trichlorofluoromethane	3.131	101	291753	51.224	ug/l	100
8) Diethyl Ether	3.534	74	94223	48.580	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.900	101	160439	50.219	ug/l	97
10) Methyl Iodide	4.095	142	198729	49.526	ug/l	97
11) Tert butyl alcohol	4.985	59	81135	221.835	ug/l	100
12) 1,1-Dichloroethene	3.881	96	150809	48.971	ug/l	93
13) Acrolein	3.741	56	52742	183.475	ug/l	99
14) Allyl chloride	4.485	41	275432	48.202	ug/l	97
15) Acrylonitrile	5.174	53	273767	252.034	ug/l	99
16) Acetone	3.960	43	350704	274.158	ug/l	97
17) Carbon Disulfide	4.198	76	484411	48.424	ug/l	99
18) Methyl Acetate	4.485	43	201803	47.765	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	447553	50.340	ug/l	98
20) Methylene Chloride	4.716	84	193980	48.098	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	173487	51.524	ug/l	98
22) Diisopropyl ether	6.119	45	586476	52.511	ug/l	94
23) Vinyl Acetate	6.064	43	1813146	286.723	ug/l	97
24) 1,1-Dichloroethane	6.021	63	317976	51.083	ug/l	98
25) 2-Butanone	6.990	43	419048	258.303	ug/l	95
26) 2,2-Dichloropropane	6.984	77	280691	52.331	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	193978	52.141	ug/l	95
28) Bromochloromethane	7.338	49	113210	51.252	ug/l	82
29) Tetrahydrofuran	7.356	42	250068	247.628	ug/l	92
30) Chloroform	7.509	83	333284	53.852	ug/l	97
31) Cyclohexane	7.789	56	278423	47.874	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	296162	53.627	ug/l	98
36) 1,1-Dichloropropene	7.923	75	249347	53.599	ug/l	97
37) Ethyl Acetate	7.076	43	175515	50.135	ug/l	97
38) Carbon Tetrachloride	7.905	117	274222	56.239	ug/l	98
39) Methylcyclohexane	9.185	83	288385	52.583	ug/l	96
40) Benzene	8.161	78	717252	54.733	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	89638	54.946	ug/l	96
42) 1,2-Dichloroethane	8.240	62	239591	55.923	ug/l	98
43) Isopropyl Acetate	8.277	43	298983	50.597	ug/l	99
44) Trichloroethene	8.941	130	186414	53.478	ug/l	98
45) 1,2-Dichloropropane	9.216	63	187302	54.665	ug/l	100
46) Dibromomethane	9.307	93	110447	53.873	ug/l	97
47) Bromodichloromethane	9.496	83	259830	56.640	ug/l	99
48) Methyl methacrylate	9.295	41	141994	52.322	ug/l	95
49) 1,4-Dioxane	9.319	88	31032	1059.837	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	886557	269.239	ug/l	96
52) Toluene	10.246	92	437023	55.418	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	271011	55.821	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	296028	54.187	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	150654	55.490	ug/l	96
56) Ethyl methacrylate	10.514	69	211578	56.172	ug/l	91
57) 1,3-Dichloropropane	10.789	76	254354	55.318	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	357800	253.325	ug/l	94
59) 2-Hexanone	10.831	43	683600	285.592	ug/l	97
60) Dibromochloromethane	10.984	129	184145	55.859	ug/l	99
61) 1,2-Dibromoethane	11.093	107	143075	53.601	ug/l	100
64) Tetrachloroethene	10.721	164	160448	52.101	ug/l	94
65) Chlorobenzene	11.514	112	469307	53.197	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	182752	55.389	ug/l	99
67) Ethyl Benzene	11.593	91	849576	54.841	ug/l	99
68) m/p-Xylenes	11.703	106	645843	109.665	ug/l	97
69) o-Xylene	12.032	106	304864	54.736	ug/l	97
70) Styrene	12.044	104	523311	56.193	ug/l	99
71) Bromoform	12.209	173	125631	54.360	ug/l #	99
73) Isopropylbenzene	12.331	105	796138	52.462	ug/l	98
74) N-amyl acetate	12.142	43	275738	51.059	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	190483	51.353	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	152156m	56.233	ug/l	
77) Bromobenzene	12.611	156	201536	54.809	ug/l	95
78) n-propylbenzene	12.672	91	995775	53.273	ug/l	98
79) 2-Chlorotoluene	12.758	91	552377	52.919	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	669132	54.023	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	67131	50.750	ug/l	94
82) 4-Chlorotoluene	12.855	91	578780	53.199	ug/l	98
83) tert-Butylbenzene	13.075	119	563622	52.523	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	671725	55.781	ug/l	100
85) sec-Butylbenzene	13.251	105	852578	52.938	ug/l	99
86) p-Isopropyltoluene	13.373	119	710833	54.885	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	381807	54.501	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	379042	53.563	ug/l	100
89) n-Butylbenzene	13.697	91	681951	53.949	ug/l	98
90) Hexachloroethane	13.965	117	141494	51.909	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	347707	54.964	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	33973	51.859	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	221270	58.666	ug/l	98
94) Hexachlorobutadiene	15.111	225	128307	58.453	ug/l	99
95) Naphthalene	15.239	128	470733	57.523	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	202291	60.176	ug/l	99

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

