

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013435.D
 Acq On : 25 Apr 2023 07:44
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023

Quant Time: Apr 25 08:08:35 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	7.789	168	222347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	355287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	318600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	154605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	131483	53.944	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.880%			
35) Dibromofluoromethane	7.716	113	116128	51.968	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.940%			
50) Toluene-d8	10.179	98	400885	50.430	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.860%			
62) 4-Bromofluorobenzene	12.477	95	139922	52.211	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.420%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	109216	51.668	ug/l	100
3) Chloromethane	2.107	50	124525	43.949	ug/l	99
4) Vinyl Chloride	2.247	62	122217	43.321	ug/l	98
5) Bromomethane	2.650	94	100302	44.614	ug/l	98
6) Chloroethane	2.790	64	78960	40.513	ug/l	98
7) Trichlorofluoromethane	3.125	101	211032	49.377	ug/l	98
8) Diethyl Ether	3.527	74	77973	53.575	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	118864	49.583	ug/l	97
10) Methyl Iodide	4.094	142	151762	50.403	ug/l	97
11) Tert butyl alcohol	4.972	59	69753	254.066	ug/l #	81
12) 1,1-Dichloroethene	3.875	96	115406	49.942	ug/l	96
13) Acrolein	3.729	56	48104	224.989	ug/l	94
14) Allyl chloride	4.478	41	211821	49.401	ug/l	98
15) Acrylonitrile	5.161	53	222529	273.017	ug/l	98
16) Acetone	3.954	43	192896	200.959	ug/l	96
17) Carbon Disulfide	4.192	76	382722	50.987	ug/l	99
18) Methyl Acetate	4.478	43	171630	54.137	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	357462	53.582	ug/l	97
20) Methylene Chloride	4.710	84	161091	54.260	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	131677	52.117	ug/l	98
22) Diisopropyl ether	6.118	45	437913	52.253	ug/l	97
23) Vinyl Acetate	6.057	43	1213583m	255.755	ug/l	
24) 1,1-Dichloroethane	6.015	63	238540	51.070	ug/l	98
25) 2-Butanone	6.984	43	300088	246.512	ug/l	96
26) 2,2-Dichloropropane	6.978	77	181085	44.992	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	149848	53.679	ug/l	98
28) Bromochloromethane	7.332	49	83929	50.636	ug/l	87
29) Tetrahydrofuran	7.350	42	208368	274.977	ug/l	94
30) Chloroform	7.502	83	248405	53.490	ug/l	98
31) Cyclohexane	7.783	56	197174	45.182	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	213261	51.462	ug/l	97
36) 1,1-Dichloropropene	7.917	75	181568	48.958	ug/l	99
37) Ethyl Acetate	7.069	43	137795	49.374	ug/l	97
38) Carbon Tetrachloride	7.899	117	196758	50.619	ug/l	96
39) Methylcyclohexane	9.185	83	209400	47.895	ug/l	98
40) Benzene	8.161	78	535972	51.305	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	58727m	45.156	ug/l	
42) 1,2-Dichloroethane	8.234	62	178347	52.219	ug/l	99
43) Isopropyl Acetate	8.270	43	243395	51.669	ug/l	97
44) Trichloroethene	8.935	130	142758	51.373	ug/l	98
45) 1,2-Dichloropropane	9.215	63	139059	50.910	ug/l	99
46) Dibromomethane	9.307	93	87113	53.302	ug/l	95
47) Bromodichloromethane	9.496	83	194137	53.086	ug/l	99
48) Methyl methacrylate	9.289	41	113864	52.630	ug/l	95
49) 1,4-Dioxane	9.307	88	24650	1056.052	ug/l #	91
51) 4-Methyl-2-Pentanone	10.069	43	709492	270.282	ug/l	97
52) Toluene	10.240	92	328186	52.205	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	198922	51.396	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	220422	50.613	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	116752	53.944	ug/l	96
56) Ethyl methacrylate	10.508	69	168159	56.003	ug/l	93
57) 1,3-Dichloropropane	10.788	76	195808	53.419	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	284361	252.550	ug/l	95
59) 2-Hexanone	10.831	43	503971	264.112	ug/l	97
60) Dibromochloromethane	10.983	129	143326	54.538	ug/l	100
61) 1,2-Dibromoethane	11.087	107	114546	53.831	ug/l	99
64) Tetrachloroethene	10.715	164	125540	51.819	ug/l	95
65) Chlorobenzene	11.514	112	355630	51.241	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	131995	50.852	ug/l	98
67) Ethyl Benzene	11.593	91	623874	51.191	ug/l	100
68) m/p-Xylenes	11.703	106	474992	102.523	ug/l	99
69) o-Xylene	12.026	106	226939	51.793	ug/l	98
70) Styrene	12.044	104	385706	52.647	ug/l	99
71) Bromoform	12.209	173	95683	52.627	ug/l	100
73) Isopropylbenzene	12.331	105	583839	49.927	ug/l	99
74) N-amyl acetate	12.142	43	214885	51.638	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	148443	51.935	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	109496m	52.515	ug/l	
77) Bromobenzene	12.605	156	148516	52.415	ug/l	93
78) n-propylbenzene	12.672	91	707894	49.147	ug/l	99
79) 2-Chlorotoluene	12.751	91	405868	50.460	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	485398	50.857	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	47860	46.954	ug/l	95
82) 4-Chlorotoluene	12.855	91	415596	49.573	ug/l	97
83) tert-Butylbenzene	13.075	119	424118	51.290	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	477224	51.428	ug/l	100
85) sec-Butylbenzene	13.251	105	618295	49.822	ug/l	98
86) p-Isopropyltoluene	13.367	119	495869	49.687	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	268656	49.768	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	267617	49.077	ug/l	99
89) n-Butylbenzene	13.696	91	470289	48.282	ug/l	98
90) Hexachloroethane	13.958	117	103535	49.292	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	252943	51.889	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	26288	52.076	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	147143	50.628	ug/l	99
94) Hexachlorobutadiene	15.111	225	84115	49.730	ug/l	99
95) Naphthalene	15.233	128	361748	57.366	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	137351	53.023	ug/l	98

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

