

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013461.D
 Acq On : 26 Apr 2023 09:51
 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 04/27/2023
 Supervised By :Mahesh Dadoda 04/27/2023

Quant Time: Apr 27 01:46:56 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	226150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	340130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	297881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	122301	49.333	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.660%		
35) Dibromofluoromethane	7.716	113	111831	52.275	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.560%		
50) Toluene-d8	10.179	98	384516	50.526	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.060%		
62) 4-Bromofluorobenzene	12.483	95	129452	50.457	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	119561	55.610	ug/l	98
3) Chloromethane	2.113	50	131839	45.747	ug/l	99
4) Vinyl Chloride	2.253	62	129174	45.017	ug/l	100
5) Bromomethane	2.656	94	102975	45.033	ug/l	96
6) Chloroethane	2.796	64	85071	42.915	ug/l	99
7) Trichlorofluoromethane	3.131	101	221393	50.931	ug/l	94
8) Diethyl Ether	3.533	74	72525	48.994	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.905	101	124193	50.935	ug/l	97
10) Methyl Iodide	4.094	142	155567	50.798	ug/l	99
11) Tert butyl alcohol	4.966	59	59207	212.135	ug/l #	95
12) 1,1-Dichloroethene	3.875	96	119025	50.642	ug/l	92
13) Acrolein	3.735	56	54945	253.792	ug/l	93
14) Allyl chloride	4.478	41	213094	48.863	ug/l	97
15) Acrylonitrile	5.161	53	208123	251.048	ug/l	99
16) Acetone	3.948	43	268425	274.943	ug/l	96
17) Carbon Disulfide	4.198	76	394614	51.687	ug/l	99
18) Methyl Acetate	4.484	43	154388	47.880	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	343867	50.678	ug/l	99
20) Methylene Chloride	4.716	84	151059	49.273	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	136353	53.060	ug/l	98
22) Diisopropyl ether	6.118	45	451835	53.007	ug/l	97
23) Vinyl Acetate	6.057	43	1186361m	245.814	ug/l	
24) 1,1-Dichloroethane	6.021	63	247730	52.146	ug/l	99
25) 2-Butanone	6.990	43	329804	266.367	ug/l	96
26) 2,2-Dichloropropane	6.984	77	214396	52.372	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	149546	52.670	ug/l	96
28) Bromochloromethane	7.338	49	82427	48.893	ug/l	84
29) Tetrahydrofuran	7.350	42	193447	250.993	ug/l	92
30) Chloroform	7.508	83	258455	54.718	ug/l	99
31) Cyclohexane	7.783	56	215812	48.621	ug/l	91
32) 1,1,1-Trichloroethane	7.703	97	224375	53.233	ug/l	96
36) 1,1-Dichloropropene	7.917	75	193176	54.410	ug/l	98
37) Ethyl Acetate	7.069	43	131057	49.052	ug/l	97
38) Carbon Tetrachloride	7.905	117	208018	55.900	ug/l	99
39) Methylcyclohexane	9.185	83	228260	54.535	ug/l	97
40) Benzene	8.161	78	552560	55.250	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	62267m	50.012	ug/l	
42) 1,2-Dichloroethane	8.234	62	180914	55.331	ug/l	99
43) Isopropyl Acetate	8.270	43	228137	50.588	ug/l	98
44) Trichloroethene	8.941	130	144253	54.225	ug/l	99
45) 1,2-Dichloropropane	9.215	63	144890	55.409	ug/l	100
46) Dibromomethane	9.307	93	85938	54.926	ug/l	93
47) Bromodichloromethane	9.496	83	200979	57.406	ug/l	98
48) Methyl methacrylate	9.288	41	111859	54.008	ug/l	92
49) 1,4-Dioxane	9.313	88	23229	1039.521	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	645102	256.704	ug/l	97
52) Toluene	10.246	92	333739	55.454	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	198314	53.522	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	221438	53.112	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	112938	54.507	ug/l	96
56) Ethyl methacrylate	10.508	69	156225	54.347	ug/l	92
57) 1,3-Dichloropropane	10.788	76	189681	54.054	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	255800	237.308	ug/l	93
59) 2-Hexanone	10.831	43	507367	277.741	ug/l	96
60) Dibromochloromethane	10.983	129	138281	54.963	ug/l	100
61) 1,2-Dibromoethane	11.087	107	107666	52.852	ug/l	100
64) Tetrachloroethene	10.721	164	120366	53.139	ug/l	97
65) Chlorobenzene	11.520	112	354055	54.562	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	133942	55.192	ug/l	99
67) Ethyl Benzene	11.593	91	630258	55.312	ug/l	99
68) m/p-Xylenes	11.703	106	488628	112.802	ug/l	99
69) o-Xylene	12.032	106	229359	55.986	ug/l	98
70) Styrene	12.044	104	390645	57.030	ug/l	100
71) Bromoform	12.209	173	90500	53.239	ug/l #	99
73) Isopropylbenzene	12.331	105	594824	53.997	ug/l	99
74) N-amyl acetate	12.142	43	202270	51.598	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	141441	52.530	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	89654m	45.645	ug/l	
77) Bromobenzene	12.611	156	146837	55.012	ug/l	94
78) n-propylbenzene	12.672	91	746656	55.028	ug/l	98
79) 2-Chlorotoluene	12.757	91	415985	54.900	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	497436	55.325	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	49691	51.750	ug/l	94
82) 4-Chlorotoluene	12.855	91	426171	53.963	ug/l	98
83) tert-Butylbenzene	13.074	119	420445	53.975	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	492223	56.309	ug/l	100
85) sec-Butylbenzene	13.251	105	637059	54.492	ug/l	99
86) p-Isopropyltoluene	13.367	119	523388	55.671	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	278420	54.750	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	278734	54.261	ug/l	100
89) n-Butylbenzene	13.696	91	505853	55.128	ug/l	98
90) Hexachloroethane	13.958	117	105967	53.555	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	254949	55.518	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	24593	51.716	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	156239	57.066	ug/l	99
94) Hexachlorobutadiene	15.111	225	91532	57.445	ug/l	98
95) Naphthalene	15.239	128	340443	57.310	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	143104	58.643	ug/l	99

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

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