

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013123\
 Data File : VY012431.D
 Acq On : 31 Jan 2023 19:28
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/01/2023
 Supervised By :Mahesh Dadoda 02/01/2023

Quant Time: Feb 01 01:26:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	191294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	292591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	271983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	1217	-3.435	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	-6.860%#		
35) Dibromofluoromethane	7.722	113	733	0.473	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	0.940%#		
50) Toluene-d8	10.179	98	5540	-3.612	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	-7.220%#		
62) 4-Bromofluorobenzene	12.483	95	4119	1.886	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	3.780%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	65267	39.042	ug/l	99
3) Chloromethane	2.113	50	70147	45.454	ug/l	99
4) Vinyl Chloride	2.253	62	84148	46.715	ug/l	98
5) Bromomethane	2.649	94	65531	47.054	ug/l	95
6) Chloroethane	2.796	64	57982	49.356	ug/l	94
7) Trichlorofluoromethane	3.125	101	164873	46.897	ug/l	99
8) Diethyl Ether	3.527	74	54918	52.496	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	86453	50.526	ug/l	94
10) Methyl Iodide	4.094	142	119802	46.073	ug/l	98
11) Tert butyl alcohol	4.954	59	49474	263.598	ug/l	99
12) 1,1-Dichloroethene	3.875	96	87365	49.726	ug/l	94
13) Acrolein	3.729	56	17649	251.271	ug/l	99
14) Allyl chloride	4.478	41	118130	54.378	ug/l	91
15) Acrylonitrile	5.161	53	129785	284.027	ug/l	100
16) Acetone	3.942	43	127287	238.961	ug/l	97
17) Carbon Disulfide	4.198	76	244991	45.082	ug/l	100
18) Methyl Acetate	4.472	43	68443	57.422	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	261740	53.442	ug/l	96
20) Methylene Chloride	4.716	84	111522	49.995	ug/l #	87
21) trans-1,2-Dichloroethene	5.222	96	99490	50.746	ug/l	92
22) Diisopropyl ether	6.118	45	245270	56.632	ug/l #	93
23) Vinyl Acetate	6.057	43	748700	277.426	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	162239	54.008	ug/l	98
25) 2-Butanone	6.984	43	155593	264.588	ug/l	90
26) 2,2-Dichloropropane	6.984	77	162523	49.838	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	115031	53.414	ug/l	94
28) Bromochloromethane	7.338	49	32081	48.900	ug/l #	79
29) Tetrahydrofuran	7.350	42	93217	288.584	ug/l #	86
30) Chloroform	7.508	83	186645	52.634	ug/l	100
31) Cyclohexane	7.789	56	133968	48.033	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	175513	49.995	ug/l	98
36) 1,1-Dichloropropene	7.917	75	131251	49.848	ug/l	97
37) Ethyl Acetate	7.075	43	62567	53.903	ug/l #	95
38) Carbon Tetrachloride	7.899	117	165072	48.542	ug/l	96
39) Methylcyclohexane	9.185	83	164001	50.969	ug/l	94
40) Benzene	8.161	78	393012	51.716	ug/l	100

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41) Methacrylonitrile	7.325	41	40561m	59.449	ug/l	
42) 1,2-Dichloroethane	8.234	62	122610	50.678	ug/l	100
43) Isopropyl Acetate	8.276	43	121019	56.039	ug/l	95
44) Trichloroethene	8.941	130	116346	51.221	ug/l	99
45) 1,2-Dichloropropane	9.215	63	88199	55.620	ug/l	100
46) Dibromomethane	9.307	93	57035	53.727	ug/l	96
47) Bromodichloromethane	9.496	83	142927	53.486	ug/l	98
48) Methyl methacrylate	9.289	41	55164	55.440	ug/l	90
49) 1,4-Dioxane	9.295	88	16061	1110.312	ug/l #	92
51) 4-Methyl-2-Pentanone	10.069	43	324957	282.196	ug/l	94
52) Toluene	10.246	92	260368	51.457	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	148037	52.962	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	159342	52.934	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	83061	55.071	ug/l	96
56) Ethyl methacrylate	10.508	69	111487	56.343	ug/l	94
57) 1,3-Dichloropropane	10.788	76	135487	55.004	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	165994	253.529	ug/l	92
59) 2-Hexanone	10.831	43	235939	269.117	ug/l	94
60) Dibromochloromethane	10.983	129	108432	54.204	ug/l	100
61) 1,2-Dibromoethane	11.087	107	78903	54.214	ug/l	99
64) Tetrachloroethene	10.721	164	134812	54.320	ug/l	97
65) Chlorobenzene	11.520	112	286128	51.416	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	110490	52.602	ug/l	98
67) Ethyl Benzene	11.593	91	510702	51.350	ug/l	99
68) m/p-Xylenes	11.703	106	401668	102.145	ug/l	98
69) o-Xylene	12.032	106	193136	51.421	ug/l	98
70) Styrene	12.044	104	329544	52.512	ug/l	100
71) Bromoform	12.209	173	72003	53.654	ug/l #	99
73) Isopropylbenzene	12.331	105	517663	50.273	ug/l	98
74) N-amyl acetate	12.142	43	106137	52.582	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	85401	52.655	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	72259m	55.030	ug/l	
77) Bromobenzene	12.605	156	124192	50.122	ug/l	93
78) n-propylbenzene	12.672	91	602298	49.985	ug/l	99
79) 2-Chlorotoluene	12.757	91	341923	50.189	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	445977	49.822	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	33145	52.010	ug/l	97
82) 4-Chlorotoluene	12.855	91	355650	49.698	ug/l	99
83) tert-Butylbenzene	13.074	119	388031	49.736	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	438181	49.637	ug/l	100
85) sec-Butylbenzene	13.251	105	556459	50.096	ug/l	97
86) p-Isopropyltoluene	13.367	119	482523	49.719	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	243057	49.322	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	238995	48.629	ug/l	98
89) n-Butylbenzene	13.696	91	420610	50.011	ug/l	99
90) Hexachloroethane	13.958	117	86847	49.570	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	219990	50.030	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17337	51.724	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	137451	48.785	ug/l	99
94) Hexachlorobutadiene	15.111	225	82085	48.389	ug/l	99
95) Naphthalene	15.233	128	286904	51.591	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	117960	48.653	ug/l	99

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

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