

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032923\
 Data File : VY013139.D
 Acq On : 29 Mar 2023 18:55
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/30/2023
 Supervised By :Mahesh Dadoda 03/30/2023

Quant Time: Mar 29 23:34:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	99858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	154862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	145495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	81033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51670	52.115	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.240%			
35) Dibromofluoromethane	7.715	113	52266	55.924	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.840%			
50) Toluene-d8	10.178	98	153995	45.072	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 90.140%			
62) 4-Bromofluorobenzene	12.477	95	63487	55.052	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	44386	45.096	ug/l	97
3) Chloromethane	2.113	50	50586	42.991	ug/l	98
4) Vinyl Chloride	2.247	62	49599	45.968	ug/l	98
5) Bromomethane	2.643	94	34231	52.211	ug/l	94
6) Chloroethane	2.790	64	32327	50.026	ug/l	99
7) Trichlorofluoromethane	3.119	101	89267	49.812	ug/l	100
8) Diethyl Ether	3.527	74	31670	50.429	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	51403	47.675	ug/l	99
10) Methyl Iodide	4.082	142	63741	45.372	ug/l	97
11) Tert butyl alcohol	4.948	59	31356	277.196	ug/l	99
12) 1,1-Dichloroethene	3.869	96	47321	46.018	ug/l	96
13) Acrolein	3.722	56	31743	182.743	ug/l	98
14) Allyl chloride	4.472	41	90147	47.458	ug/l	98
15) Acrylonitrile	5.155	53	95994	290.102	ug/l	99
16) Acetone	3.942	43	100699	258.763	ug/l	98
17) Carbon Disulfide	4.186	76	147514	42.144	ug/l	100
18) Methyl Acetate	4.472	43	65291	56.339	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	147752	55.628	ug/l	98
20) Methylene Chloride	4.710	84	68823	58.913	ug/l	99
21) trans-1,2-Dichloroethene	5.216	96	55228	49.422	ug/l	98
22) Diisopropyl ether	6.112	45	191974	55.644	ug/l	97
23) Vinyl Acetate	6.051	43	604478	281.985	ug/l	100
24) 1,1-Dichloroethane	6.008	63	102699	52.239	ug/l	99
25) 2-Butanone	6.978	43	140723	291.955	ug/l	99
26) 2,2-Dichloropropane	6.972	77	86729	49.671	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	63760	53.219	ug/l	100
28) Bromochloromethane	7.331	49	38600	53.728	ug/l	99
29) Tetrahydrofuran	7.344	42	87343	300.452	ug/l	99
30) Chloroform	7.502	83	106579	54.885	ug/l	99
31) Cyclohexane	7.783	56	84914	44.719	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	92161	52.481	ug/l	99
36) 1,1-Dichloropropene	7.917	75	76787	49.029	ug/l	99
37) Ethyl Acetate	7.069	43	55691	56.417	ug/l	99
38) Carbon Tetrachloride	7.898	117	83976	51.923	ug/l	99
39) Methylcyclohexane	9.179	83	89552	48.095	ug/l	97
40) Benzene	8.154	78	229342	51.767	ug/l	100

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41) Methacrylonitrile	7.307	41	22984m	43.216	ug/l	
42) 1,2-Dichloroethane	8.234	62	75241	56.490	ug/l	100
43) Isopropyl Acetate	8.270	43	99878	56.711	ug/l	100
44) Trichloroethene	8.935	130	60450	51.753	ug/l	99
45) 1,2-Dichloropropane	9.215	63	59951	53.545	ug/l	99
46) Dibromomethane	9.301	93	35755	56.054	ug/l	99
47) Bromodichloromethane	9.496	83	83556	55.587	ug/l	95
48) Methyl methacrylate	9.288	41	46817	57.692	ug/l	99
49) 1,4-Dioxane	9.294	88	10799	1309.608	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	294208	307.968	ug/l	100
52) Toluene	10.239	92	142843	53.463	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	87622	55.575	ug/l	98
54) cis-1,3-Dichloropropene	9.922	75	96806	54.246	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	49801	56.062	ug/l	98
56) Ethyl methacrylate	10.508	69	69294	58.502	ug/l	99
57) 1,3-Dichloropropane	10.788	76	85842	56.735	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	182905	294.153	ug/l	100
59) 2-Hexanone	10.831	43	215376	310.202	ug/l	100
60) Dibromochloromethane	10.983	129	61790	57.142	ug/l	100
61) 1,2-Dibromoethane	11.087	107	47948	56.033	ug/l	99
64) Tetrachloroethene	10.715	164	54354	51.311	ug/l	98
65) Chlorobenzene	11.514	112	155495	50.922	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	59577	52.727	ug/l	99
67) Ethyl Benzene	11.593	91	271889	50.644	ug/l	100
68) m/p-Xylenes	11.703	106	209189	101.287	ug/l	99
69) o-Xylene	12.026	106	98960	51.340	ug/l	99
70) Styrene	12.044	104	171546	53.331	ug/l	99
71) Bromoform	12.209	173	41283	56.037	ug/l #	98
73) Isopropylbenzene	12.331	105	261897	45.604	ug/l	100
74) N-amyl acetate	12.142	43	89830	49.714	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.580	83	63522	49.205	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	48174m	49.784	ug/l	
77) Bromobenzene	12.605	156	66133	47.403	ug/l	99
78) n-propylbenzene	12.672	91	325134	45.921	ug/l	100
79) 2-Chlorotoluene	12.757	91	184172	46.802	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	224670	47.405	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	22392	47.947	ug/l	97
82) 4-Chlorotoluene	12.855	91	191481	47.007	ug/l	98
83) tert-Butylbenzene	13.074	119	194680	47.591	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	221171	47.724	ug/l	100
85) sec-Butylbenzene	13.251	105	287093	46.004	ug/l	100
86) p-Isopropyltoluene	13.367	119	239527	46.963	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	128504	47.758	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	130154	47.394	ug/l	100
89) n-Butylbenzene	13.696	91	224776	46.036	ug/l	100
90) Hexachloroethane	13.958	117	49712	46.797	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	120384	49.493	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11208	53.720	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	73088	48.803	ug/l	97
94) Hexachlorobutadiene	15.111	225	43010	47.087	ug/l	98
95) Naphthalene	15.232	128	163585	54.509	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	67351	50.567	ug/l	99

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

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