

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020223\
 Data File : VY012465.D
 Acq On : 02 Feb 2023 18:57
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/03/2023
 Supervised By :Mahesh Dadoda 02/03/2023

Quant Time: Feb 03 03:13:56 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	161572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	241170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	227457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	65525	48.835	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.680%		
35) Dibromofluoromethane	7.715	113	60678	47.516	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.040%		
50) Toluene-d8	10.178	98	208116	46.756	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.520%		
62) 4-Bromofluorobenzene	12.483	95	86569	48.089	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.905	85	55677	39.432	ug/l	98
3) Chloromethane	2.113	50	55700	42.732	ug/l	99
4) Vinyl Chloride	2.253	62	69523	45.695	ug/l	99
5) Bromomethane	2.649	94	54126	46.014	ug/l	95
6) Chloroethane	2.789	64	48849	49.231	ug/l	95
7) Trichlorofluoromethane	3.125	101	148405	49.978	ug/l	98
8) Diethyl Ether	3.527	74	46858	53.032	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.899	101	75260	52.076	ug/l	93
10) Methyl Iodide	4.088	142	104725	47.683	ug/l	95
11) Tert butyl alcohol	4.948	59	57591	368.190	ug/l	99
12) 1,1-Dichloroethene	3.875	96	75696	51.010	ug/l	94
13) Acrolein	3.722	56	16529	282.816	ug/l	98
14) Allyl chloride	4.478	41	93220	50.805	ug/l #	84
15) Acrylonitrile	5.155	53	121941	315.952	ug/l	99
16) Acetone	3.942	43	121429	269.899	ug/l	100
17) Carbon Disulfide	4.192	76	199219	43.403	ug/l	98
18) Methyl Acetate	4.472	43	61354	60.943	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	238991	57.774	ug/l	94
20) Methylene Chloride	4.710	84	92938	49.202	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	84550	51.059	ug/l	89
22) Diisopropyl ether	6.118	45	209374	57.237	ug/l #	92
23) Vinyl Acetate	6.057	43	678381	297.611	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	139003	54.785	ug/l	98
25) 2-Butanone	6.984	43	149130	300.248	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	146141	53.058	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	100213	55.094	ug/l	93
28) Bromochloromethane	7.331	49	26384	47.614	ug/l #	77
29) Tetrahydrofuran	7.344	42	89536	328.178	ug/l #	83
30) Chloroform	7.508	83	165641	55.304	ug/l	99
31) Cyclohexane	7.782	56	115084	48.853	ug/l	93
32) 1,1,1-Trichloroethane	7.703	97	160595	54.161	ug/l	98
36) 1,1-Dichloropropene	7.917	75	115581	53.256	ug/l	97
37) Ethyl Acetate	7.069	43	60056	62.771	ug/l #	94
38) Carbon Tetrachloride	7.898	117	150262	53.609	ug/l	98
39) Methylcyclohexane	9.185	83	142710	53.808	ug/l	95
40) Benzene	8.160	78	342208	54.632	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	28522m	50.717	ug/l	
42) 1,2-Dichloroethane	8.234	62	113643	56.987	ug/l	99
43) Isopropyl Acetate	8.270	43	112377	63.133	ug/l #	94
44) Trichloroethene	8.941	130	103521	55.292	ug/l	96
45) 1,2-Dichloropropane	9.215	63	75541	57.795	ug/l	100
46) Dibromomethane	9.307	93	51443	58.791	ug/l	96
47) Bromodichloromethane	9.496	83	129221	58.667	ug/l	100
48) Methyl methacrylate	9.288	41	51096	62.300	ug/l	89
49) 1,4-Dioxane	9.294	88	16953	1421.860	ug/l	88
51) 4-Methyl-2-Pentanone	10.069	43	316588	333.547	ug/l	95
52) Toluene	10.245	92	232335	55.707	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	135029	58.608	ug/l	100
54) cis-1,3-Dichloropropene	9.928	75	142498	57.431	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	76076	61.194	ug/l	97
56) Ethyl methacrylate	10.508	69	104107	63.831	ug/l	94
57) 1,3-Dichloropropane	10.788	76	122428	60.300	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	151909	281.485	ug/l	91
59) 2-Hexanone	10.831	43	234176	324.057	ug/l	94
60) Dibromochloromethane	10.983	129	99231	60.181	ug/l	100
61) 1,2-Dibromoethane	11.087	107	72642	60.555	ug/l	99
64) Tetrachloroethene	10.721	164	119687	57.666	ug/l	96
65) Chlorobenzene	11.514	112	255506	54.901	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	100512	57.219	ug/l	98
67) Ethyl Benzene	11.593	91	456740	54.914	ug/l	99
68) m/p-Xylenes	11.703	106	364712	110.903	ug/l	97
69) o-Xylene	12.032	106	175074	55.737	ug/l	97
70) Styrene	12.044	104	296949	56.581	ug/l	99
71) Bromoform	12.209	173	68240	60.804	ug/l #	100
73) Isopropylbenzene	12.330	105	469891	53.584	ug/l	99
74) N-amyl acetate	12.141	43	100908	58.702	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.580	83	80956	58.611	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	70379m	62.937	ug/l	
77) Bromobenzene	12.611	156	113907	53.981	ug/l	92
78) n-propylbenzene	12.672	91	545783	53.187	ug/l	98
79) 2-Chlorotoluene	12.757	91	305215	52.606	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	407622	53.471	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	31582	58.192	ug/l	97
82) 4-Chlorotoluene	12.855	91	322480	52.914	ug/l	97
83) tert-Butylbenzene	13.074	119	351353	52.882	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	401823	53.449	ug/l	100
85) sec-Butylbenzene	13.251	105	505133	53.399	ug/l	97
86) p-Isopropyltoluene	13.367	119	443894	53.708	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	223916	53.354	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	221139	52.836	ug/l	99
89) n-Butylbenzene	13.696	91	382785	53.444	ug/l	98
90) Hexachloroethane	13.958	117	80620	54.033	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	201231	53.738	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	17064	59.779	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	129539	53.988	ug/l	99
94) Hexachlorobutadiene	15.110	225	78147	54.094	ug/l	98
95) Naphthalene	15.238	128	279129	58.939	ug/l	100
96) 1,2,3-Trichlorobenzene	15.427	180	113521	54.980	ug/l	99

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

