

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013186.D
 Acq On : 03 Apr 2023 19:15
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Apr 03 23:12:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	132694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	187841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	146381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	67184	47.112	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.220%		
35) Dibromofluoromethane	7.716	113	61016	49.724	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.440%		
50) Toluene-d8	10.179	98	193595	41.791	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	83.580%		
62) 4-Bromofluorobenzene	12.477	95	76950	51.032	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	55810	42.905	ug/l	100
3) Chloromethane	2.113	50	41629	30.688	ug/l	99
4) Vinyl Chloride	2.247	62	46294	34.039	ug/l	98
5) Bromomethane	2.643	94	39394	41.043	ug/l	92
6) Chloroethane	2.790	64	35965	42.215	ug/l	98
7) Trichlorofluoromethane	3.119	101	94701	39.123	ug/l	99
8) Diethyl Ether	3.521	74	33626	44.239	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	60321	45.201	ug/l	95
10) Methyl Iodide	4.088	142	79123	45.531	ug/l	97
11) Tert butyl alcohol	4.942	59	31791	247.347	ug/l	99
12) 1,1-Dichloroethene	3.863	96	56993	44.179	ug/l	93
13) Acrolein	3.723	56	37040	205.359	ug/l	99
14) Allyl chloride	4.472	41	87260	39.698	ug/l	91
15) Acrylonitrile	5.155	53	86167	228.134	ug/l	99
16) Acetone	3.942	43	85886	196.958	ug/l	99
17) Carbon Disulfide	4.186	76	176131	40.997	ug/l	100
18) Methyl Acetate	4.472	43	58650	42.686	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	158799	48.577	ug/l	95
20) Methylene Chloride	4.710	84	69393	45.629	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	65381	44.981	ug/l	97
22) Diisopropyl ether	6.112	45	181657	42.300	ug/l	95
23) Vinyl Acetate	6.057	43	542771	222.254	ug/l	95
24) 1,1-Dichloroethane	6.015	63	108140	42.518	ug/l	100
25) 2-Butanone	6.978	43	117382	215.280	ug/l	94
26) 2,2-Dichloropropane	6.978	77	99028	43.288	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	72664	46.403	ug/l	94
28) Bromochloromethane	7.326	49	45556	41.743	ug/l	83
29) Tetrahydrofuran	7.344	42	73702	228.342	ug/l	92
30) Chloroform	7.502	83	120056	45.583	ug/l	99
31) Cyclohexane	7.783	56	94579	40.625	ug/l	88
32) 1,1,1-Trichloroethane	7.697	97	111299	47.795	ug/l	98
36) 1,1-Dichloropropene	7.911	75	89370	48.378	ug/l	98
37) Ethyl Acetate	7.069	43	49390	47.065	ug/l	99
38) Carbon Tetrachloride	7.893	117	106110	52.058	ug/l	97
39) Methylcyclohexane	9.179	83	109158	50.367	ug/l	95
40) Benzene	8.155	78	257722	48.302	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	24536m	52.704	ug/l	
42) 1,2-Dichloroethane	8.234	62	82572	50.512	ug/l	100
43) Isopropyl Acetate	8.270	43	92724	49.363	ug/l	96
44) Trichloroethene	8.935	130	73688	50.169	ug/l	98
45) 1,2-Dichloropropane	9.209	63	61203	45.808	ug/l	96
46) Dibromomethane	9.301	93	39218	51.097	ug/l	93
47) Bromodichloromethane	9.496	83	92455	49.923	ug/l #	99
48) Methyl methacrylate	9.289	41	44308	50.648	ug/l	93
49) 1,4-Dioxane	9.295	88	10354	1133.966	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	272777	269.077	ug/l	98
52) Toluene	10.240	92	150611	45.506	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	80974	42.777	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	99372	45.966	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	48108	45.345	ug/l	99
56) Ethyl methacrylate	10.508	69	62271	46.683	ug/l	95
57) 1,3-Dichloropropane	10.788	76	86167	48.110	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	157690	252.824	ug/l	100
59) 2-Hexanone	10.831	43	194595	265.416	ug/l	99
60) Dibromochloromethane	10.983	129	60678	45.536	ug/l	99
61) 1,2-Dibromoethane	11.081	107	46003	44.752	ug/l	100
64) Tetrachloroethene	10.715	164	61728	54.852	ug/l	98
65) Chlorobenzene	11.514	112	161316	51.911	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	64283	55.178	ug/l	99
67) Ethyl Benzene	11.587	91	299520	55.806	ug/l	99
68) m/p-Xylenes	11.697	106	227980	109.806	ug/l	100
69) o-Xylene	12.026	106	118815	61.697	ug/l	95
70) Styrene	12.038	104	200282	62.171	ug/l	100
71) Bromoform	12.203	173	47914	66.325	ug/l #	99
73) Isopropylbenzene	12.325	105	316382	49.998	ug/l	100
74) N-amyl acetate	12.142	43	81245	46.762	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	64016	48.297	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	47508m	46.132	ug/l	
77) Bromobenzene	12.605	156	80064	50.891	ug/l	91
78) n-propylbenzene	12.666	91	380007	48.842	ug/l	98
79) 2-Chlorotoluene	12.751	91	211248	47.848	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	267729	50.606	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	21933	47.497	ug/l	95
82) 4-Chlorotoluene	12.849	91	223334	48.606	ug/l	100
83) tert-Butylbenzene	13.075	119	236555	52.058	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	262954	50.754	ug/l	100
85) sec-Butylbenzene	13.251	105	347083	50.587	ug/l	99
86) p-Isopropyltoluene	13.367	119	291080	51.534	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	153935	49.360	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	153544	49.133	ug/l	99
89) n-Butylbenzene	13.696	91	258913	49.034	ug/l	99
90) Hexachloroethane	13.958	117	56787	48.261	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	138913	49.876	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10731	48.653	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	81693	50.297	ug/l	98
94) Hexachlorobutadiene	15.111	225	49178	49.232	ug/l	98
95) Naphthalene	15.233	128	163726	47.747	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	73009	51.020	ug/l	100

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

