

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
 Data File : VY013978.D
 Acq On : 02 Jun 2023 09:54
 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 06/05/2023
 Supervised By :Mahesh Dadoda 06/05/2023

Quant Time: Jun 03 04:54:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	271169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	393777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	361754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	184048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	171598	47.804	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.600%		
35) Dibromofluoromethane	7.716	113	138206	55.227	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	110.460%		
50) Toluene-d8	10.179	98	497398	52.108	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	104.220%		
62) 4-Bromofluorobenzene	12.477	95	171360	52.657	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	105.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	119694	50.166	ug/l	99
3) Chloromethane	2.113	50	147558	44.653	ug/l	100
4) Vinyl Chloride	2.247	62	149974	48.990	ug/l	97
5) Bromomethane	2.650	94	116224	43.600	ug/l	99
6) Chloroethane	2.790	64	96704	44.139	ug/l	99
7) Trichlorofluoromethane	3.119	101	251975	52.066	ug/l	100
8) Diethyl Ether	3.521	74	84697	44.642	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	133619	53.747	ug/l	99
10) Methyl Iodide	4.088	142	149800	43.721	ug/l	99
11) Tert butyl alcohol	4.966	59	118121	160.111	ug/l #	96
12) 1,1-Dichloroethene	3.869	96	128170	49.171	ug/l	99
13) Acrolein	3.729	56	63049	186.622	ug/l	100
14) Allyl chloride	4.472	41	237129	46.876	ug/l	100
15) Acrylonitrile	5.161	53	255109	242.308	ug/l	99
16) Acetone	3.948	43	333638	271.663	ug/l	98
17) Carbon Disulfide	4.192	76	426798	48.421	ug/l	99
18) Methyl Acetate	4.472	43	205691	46.357	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	410669	48.696	ug/l	99
20) Methylene Chloride	4.710	84	150962	45.049	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	145949	49.432	ug/l	96
22) Diisopropyl ether	6.112	45	491956	50.171	ug/l	97
23) Vinyl Acetate	6.051	43	1534668	249.529	ug/l	100
24) 1,1-Dichloroethane	6.015	63	265990	48.599	ug/l	99
25) 2-Butanone	6.984	43	397291	259.667	ug/l	97
26) 2,2-Dichloropropane	6.978	77	247270	49.782	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	164575	48.686	ug/l	99
28) Bromochloromethane	7.332	49	124087	48.006	ug/l	100
29) Tetrahydrofuran	7.350	42	236709	248.791	ug/l	100
30) Chloroform	7.502	83	279488	48.636	ug/l	95
31) Cyclohexane	7.783	56	229002	52.980	ug/l	98
32) 1,1,1-Trichloroethane	7.697	97	249831	51.254	ug/l	98
36) 1,1-Dichloropropene	7.911	75	204888	57.468	ug/l	100
37) Ethyl Acetate	7.070	43	169393	54.495	ug/l	99
38) Carbon Tetrachloride	7.899	117	232823	58.276	ug/l	98
39) Methylcyclohexane	9.179	83	229377	60.264	ug/l	97
40) Benzene	8.155	78	597170	54.297	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	84228m	58.627	ug/l	
42) 1,2-Dichloroethane	8.234	62	213078	52.835	ug/l	100
43) Isopropyl Acetate	8.271	43	279417	53.385	ug/l	99
44) Trichloroethene	8.935	130	147794	51.315	ug/l	97
45) 1,2-Dichloropropane	9.209	63	145363	51.216	ug/l	97
46) Dibromomethane	9.301	93	93510	51.463	ug/l	97
47) Bromodichloromethane	9.490	83	209134	51.093	ug/l	98
48) Methyl methacrylate	9.289	41	122454	51.402	ug/l	98
49) 1,4-Dioxane	9.307	88	27257	1031.515	ug/l #	45
51) 4-Methyl-2-Pentanone	10.069	43	774885	262.114	ug/l	100
52) Toluene	10.240	92	353889	52.524	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	224561	51.073	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	240580	51.249	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	122757	51.245	ug/l	96
56) Ethyl methacrylate	10.508	69	181870	52.878	ug/l	99
57) 1,3-Dichloropropane	10.788	76	208951	51.049	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	425657	251.388	ug/l	100
59) 2-Hexanone	10.831	43	597145	278.953	ug/l	100
60) Dibromochloromethane	10.983	129	155534	51.371	ug/l	100
61) 1,2-Dibromoethane	11.087	107	121556	50.505	ug/l	99
64) Tetrachloroethene	10.715	164	134610	54.316	ug/l	95
65) Chlorobenzene	11.514	112	378522	51.003	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	149450	51.727	ug/l	99
67) Ethyl Benzene	11.587	91	687260	53.499	ug/l	100
68) m/p-Xylenes	11.697	106	525830	107.158	ug/l	99
69) o-Xylene	12.026	106	248885	52.932	ug/l	99
70) Styrene	12.044	104	428967	53.115	ug/l	99
71) Bromoform	12.203	173	109401	51.361	ug/l #	99
73) Isopropylbenzene	12.325	105	646993	53.260	ug/l	100
74) N-amyl acetate	12.142	43	239605	51.410	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	158175	49.820	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	116167m	46.904	ug/l	
77) Bromobenzene	12.605	156	166874	50.815	ug/l	99
78) n-propylbenzene	12.666	91	809095	54.345	ug/l	99
79) 2-Chlorotoluene	12.751	91	452689	51.360	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	547797	52.614	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	59903	51.312	ug/l	98
82) 4-Chlorotoluene	12.849	91	476501	51.404	ug/l	100
83) tert-Butylbenzene	13.075	119	472607	54.206	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	554115	53.284	ug/l	99
85) sec-Butylbenzene	13.251	105	698068	55.060	ug/l	99
86) p-Isopropyltoluene	13.367	119	581606	54.346	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	315219	50.544	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	315592	50.026	ug/l	100
89) n-Butylbenzene	13.696	91	549319	54.399	ug/l	100
90) Hexachloroethane	13.959	117	115104	51.246	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	288946	50.293	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	31708	51.780	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	181303	51.334	ug/l	99
94) Hexachlorobutadiene	15.111	225	100663	53.509	ug/l	99
95) Naphthalene	15.233	128	409503	47.848	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	163605	50.859	ug/l	100

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

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