

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060823\
 Data File : VY014073.D
 Acq On : 08 Jun 2023 13:06
 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 06/09/2023
 Supervised By :Mahesh Dadoda 06/09/2023

Quant Time: Jun 09 08:09:53 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	7.789	168	230554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	350908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	315309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	148856	48.773	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.540%		
35) Dibromofluoromethane	7.721	113	123910	55.564	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	111.120%		
50) Toluene-d8	10.178	98	442695	52.043	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	104.080%		
62) 4-Bromofluorobenzene	12.483	95	162127	55.906	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	111.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.905	85	101661	50.114	ug/l	100
3) Chloromethane	2.113	50	132101	47.018	ug/l	97
4) Vinyl Chloride	2.253	62	132453	50.888	ug/l	97
5) Bromomethane	2.655	94	100299	44.254	ug/l	97
6) Chloroethane	2.796	64	86847	46.623	ug/l	100
7) Trichlorofluoromethane	3.131	101	209324	50.873	ug/l	99
8) Diethyl Ether	3.527	74	72429	44.900	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	106053	50.174	ug/l	99
10) Methyl Iodide	4.094	142	156066	53.573	ug/l	99
11) Tert butyl alcohol	4.978	59	56300	89.757	ug/l #	88
12) 1,1-Dichloroethene	3.875	96	110984	50.078	ug/l	95
13) Acrolein	3.734	56	60351	210.105	ug/l	99
14) Allyl chloride	4.478	41	200100	46.524	ug/l	98
15) Acrylonitrile	5.167	53	179240	200.237	ug/l	100
16) Acetone	3.954	43	228317	218.655	ug/l	100
17) Carbon Disulfide	4.198	76	371550	49.579	ug/l	99
18) Methyl Acetate	4.484	43	148831	39.451	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	321762	44.875	ug/l	99
20) Methylene Chloride	4.716	84	136188	48.064	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	124443	49.573	ug/l	96
22) Diisopropyl ether	6.118	45	392000	47.020	ug/l	99
23) Vinyl Acetate	6.063	43	1152302	220.364	ug/l	99
24) 1,1-Dichloroethane	6.021	63	221688	47.640	ug/l	98
25) 2-Butanone	6.990	43	259580	199.548	ug/l	100
26) 2,2-Dichloropropane	6.984	77	201052	47.607	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	138476	48.181	ug/l	98
28) Bromochloromethane	7.337	49	105028	47.791	ug/l	96
29) Tetrahydrofuran	7.350	42	153378	189.606	ug/l	99
30) Chloroform	7.508	83	237988	48.710	ug/l	96
31) Cyclohexane	7.789	56	176988	48.160	ug/l	97
32) 1,1,1-Trichloroethane	7.703	97	211896	51.129	ug/l	99
36) 1,1-Dichloropropene	7.917	75	172124	54.176	ug/l	100
37) Ethyl Acetate	7.075	43	109343	39.474	ug/l	99
38) Carbon Tetrachloride	7.898	117	196765	55.268	ug/l	96
39) Methylcyclohexane	9.185	83	189091	55.749	ug/l	98
40) Benzene	8.160	78	511360	52.175	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	50174m	39.190	ug/l	
42) 1,2-Dichloroethane	8.240	62	179746	50.014	ug/l	100
43) Isopropyl Acetate	8.276	43	203499	43.630	ug/l	98
44) Trichloroethene	8.941	130	136114	53.033	ug/l	96
45) 1,2-Dichloropropane	9.215	63	127321	50.339	ug/l	97
46) Dibromomethane	9.307	93	78459	48.455	ug/l	99
47) Bromodichloromethane	9.496	83	185330	50.809	ug/l	98
48) Methyl methacrylate	9.294	41	94450	44.490	ug/l	98
49) 1,4-Dioxane	9.319	88	20482	869.815	ug/l #	48
51) 4-Methyl-2-Pentanone	10.069	43	547248	207.727	ug/l	99
52) Toluene	10.245	92	312239	52.004	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	193298	49.334	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	211721	50.611	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	101600	47.594	ug/l	98
56) Ethyl methacrylate	10.508	69	142753	46.575	ug/l	98
57) 1,3-Dichloropropane	10.788	76	174830	47.931	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	361751	240.816	ug/l	99
59) 2-Hexanone	10.831	43	402966	211.241	ug/l	100
60) Dibromochloromethane	10.983	129	133012	49.300	ug/l	100
61) 1,2-Dibromoethane	11.087	107	99881	46.569	ug/l	99
64) Tetrachloroethene	10.721	164	117931	54.595	ug/l	96
65) Chlorobenzene	11.520	112	330748	51.130	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	131637	52.273	ug/l	99
67) Ethyl Benzene	11.593	91	604792	54.014	ug/l	100
68) m/p-Xylenes	11.702	106	463438	108.355	ug/l	99
69) o-Xylene	12.032	106	216416	52.806	ug/l	98
70) Styrene	12.044	104	376359	53.465	ug/l	99
71) Bromoform	12.208	173	90475	48.732	ug/l #	100
73) Isopropylbenzene	12.330	105	568200	51.939	ug/l	99
74) N-amyl acetate	12.141	43	180363	42.972	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.580	83	125352	43.842	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	99429m	44.579	ug/l	
77) Bromobenzene	12.611	156	147085	49.735	ug/l	96
78) n-propylbenzene	12.672	91	700725	52.263	ug/l	99
79) 2-Chlorotoluene	12.757	91	397469	50.075	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	487929	52.039	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	45465	43.245	ug/l	98
82) 4-Chlorotoluene	12.855	91	412532	49.418	ug/l	98
83) tert-Butylbenzene	13.074	119	405362	51.627	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	483623	51.641	ug/l	99
85) sec-Butylbenzene	13.257	105	596101	52.209	ug/l	100
86) p-Isopropyltoluene	13.373	119	504511	52.348	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	279097	49.694	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	276611	48.689	ug/l	100
89) n-Butylbenzene	13.696	91	473126	52.028	ug/l	99
90) Hexachloroethane	13.964	117	99345	49.114	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	250994	48.511	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	22193	40.244	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	155722	48.960	ug/l	100
94) Hexachlorobutadiene	15.110	225	88593	52.294	ug/l	98
95) Naphthalene	15.238	128	309889	40.827	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	137485	47.459	ug/l	99

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

