

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010623\
 Data File : VY012087.D
 Acq On : 06 Jan 2023 12:53
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/09/2023
 Supervised By :Mahesh Dadoda 01/09/2023

Quant Time: Jan 07 01:19:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:17:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	180040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	265239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	242949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	125683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	93546	46.099	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.200%		
35) Dibromofluoromethane	7.716	113	84768	48.867	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.740%		
50) Toluene-d8	10.179	98	320659	47.057	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.120%		
62) 4-Bromofluorobenzene	12.483	95	115047	48.208	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	70945	49.518	ug/l	99
3) Chloromethane	2.113	50	63373	48.290	ug/l	98
4) Vinyl Chloride	2.253	62	77586	44.431	ug/l	97
5) Bromomethane	2.650	94	56359	49.209	ug/l	98
6) Chloroethane	2.796	64	51522	44.318	ug/l	96
7) Trichlorofluoromethane	3.125	101	161430	46.241	ug/l	99
8) Diethyl Ether	3.528	74	49783	46.372	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.900	101	85361	47.620	ug/l	96
10) Methyl Iodide	4.095	142	116334	47.476	ug/l	95
11) Tert butyl alcohol	4.948	59	54886	227.846	ug/l	100
12) 1,1-Dichloroethene	3.875	96	80985	46.440	ug/l	97
13) Acrolein	3.729	56	23485	221.110	ug/l	100
14) Allyl chloride	4.479	41	111156	47.228	ug/l #	90
15) Acrylonitrile	5.161	53	118589	234.261	ug/l	99
16) Acetone	3.942	43	110893	228.883	ug/l	98
17) Carbon Disulfide	4.198	76	202918	45.028	ug/l	100
18) Methyl Acetate	4.473	43	61168	43.575	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	253344	48.415	ug/l	95
20) Methylene Chloride	4.716	84	101117	50.285	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	90447	46.585	ug/l	89
22) Diisopropyl ether	6.119	45	239165	48.742	ug/l #	95
23) Vinyl Acetate	6.058	43	727462	244.414	ug/l	94
24) 1,1-Dichloroethane	6.015	63	155159	47.910	ug/l	97
25) 2-Butanone	6.984	43	145446	227.935	ug/l	90
26) 2,2-Dichloropropane	6.978	77	165776	47.256	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	108139	48.564	ug/l	95
28) Bromochloromethane	7.332	49	38070	46.229	ug/l #	80
29) Tetrahydrofuran	7.344	42	87751	233.282	ug/l	88
30) Chloroform	7.503	83	179917	48.584	ug/l	98
31) Cyclohexane	7.783	56	127421	49.903	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	174891	48.535	ug/l	99
36) 1,1-Dichloropropene	7.917	75	124239	47.126	ug/l	98
37) Ethyl Acetate	7.076	43	62990	48.433	ug/l #	96
38) Carbon Tetrachloride	7.899	117	163904	48.893	ug/l	97
39) Methylcyclohexane	9.185	83	151124	47.235	ug/l	94
40) Benzene	8.161	78	368317	47.961	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	40092m	56.691	ug/l	
42) 1,2-Dichloroethane	8.234	62	119757	48.398	ug/l	99
43) Isopropyl Acetate	8.271	43	116635	48.366	ug/l	96
44) Trichloroethene	8.941	130	108141	47.838	ug/l	98
45) 1,2-Dichloropropane	9.216	63	83795	48.840	ug/l	100
46) Dibromomethane	9.307	93	53270	48.640	ug/l	97
47) Bromodichloromethane	9.496	83	136390	48.862	ug/l	99
48) Methyl methacrylate	9.295	41	52899	48.521	ug/l	90
49) 1,4-Dioxane	9.295	88	14164	927.384	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	313918	242.508	ug/l	97
52) Toluene	10.246	92	243547	47.781	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	141198	49.005	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	153390	49.389	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	78710	49.558	ug/l	97
56) Ethyl methacrylate	10.508	69	104380	50.164	ug/l	96
57) 1,3-Dichloropropane	10.789	76	128095	48.825	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	180987	238.841	ug/l	92
59) 2-Hexanone	10.831	43	225462	247.673	ug/l	96
60) Dibromochloromethane	10.984	129	102724	49.359	ug/l	99
61) 1,2-Dibromoethane	11.087	107	72112	48.086	ug/l	100
64) Tetrachloroethene	10.721	164	113969	48.193	ug/l	97
65) Chlorobenzene	11.514	112	268458	48.497	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	105845	48.963	ug/l	97
67) Ethyl Benzene	11.593	91	485178	49.096	ug/l	98
68) m/p-Xylenes	11.703	106	377219	97.088	ug/l	99
69) o-Xylene	12.026	106	181378	49.011	ug/l	99
70) Styrene	12.044	104	311802	49.653	ug/l	100
71) Bromoform	12.209	173	67761	48.862	ug/l #	99
73) Isopropylbenzene	12.331	105	495309	50.193	ug/l	99
74) N-amyl acetate	12.142	43	104352	50.014	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	82116	48.741	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	65701m	40.155	ug/l	
77) Bromobenzene	12.605	156	115577	48.829	ug/l	94
78) n-propylbenzene	12.672	91	572747	49.616	ug/l	98
79) 2-Chlorotoluene	12.758	91	323383	49.294	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	421620	49.708	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	31997	49.278	ug/l	97
82) 4-Chlorotoluene	12.855	91	339275	49.125	ug/l	99
83) tert-Butylbenzene	13.075	119	375548	50.883	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	417968	49.703	ug/l	99
85) sec-Butylbenzene	13.251	105	537928	50.398	ug/l	98
86) p-Isopropyltoluene	13.367	119	464208	50.271	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	231514	49.179	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	228967	48.570	ug/l	99
89) n-Butylbenzene	13.697	91	404973	50.423	ug/l	99
90) Hexachloroethane	13.959	117	85232	50.116	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	206105	48.811	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15951	47.096	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	128138	48.834	ug/l	100
94) Hexachlorobutadiene	15.111	225	78301	49.119	ug/l	99
95) Naphthalene	15.233	128	257987	49.478	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	110813	48.623	ug/l	99

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

