

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY080822.D
 Acq On : 08 Aug 2022 16:36
 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 08/09/2022
 Supervised By :Mahesh Dadoda 08/09/2022

Quant Time: Aug 08 17:37:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:35:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.782	168	69780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	116222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	107975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	26327	43.055	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.100%		
35) Dibromofluoromethane	7.709	113	28841	46.140	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.280%		
50) Toluene-d8	10.172	98	92000	41.067	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	82.140%		
62) 4-Bromofluorobenzene	12.477	95	44158	48.890	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	27399	46.930	ug/l	95
3) Chloromethane	2.101	50	36884	52.879	ug/l	95
4) Vinyl Chloride	2.241	62	39535	52.726	ug/l	98
5) Bromomethane	2.637	94	26712	54.251	ug/l	97
6) Chloroethane	2.777	64	24413	62.051	ug/l	97
7) Trichlorofluoromethane	3.107	101	63071	63.309	ug/l	99
8) Diethyl Ether	3.521	74	20906	56.565	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.881	101	35617	52.487	ug/l	96
10) Methyl Iodide	4.076	142	45241	51.096	ug/l	100
11) Tert butyl alcohol	4.948	59	18320	128.315	ug/l	96
12) 1,1-Dichloroethene	3.856	96	33820	51.147	ug/l	98
13) Acrolein	3.716	56	1210	22.132	ug/l	95
14) Allyl chloride	4.460	41	63248	54.166	ug/l	98
15) Acrylonitrile	5.149	53	57787	282.749	ug/l	99
16) Acetone	3.936	43	52292	283.437	ug/l	93
17) Carbon Disulfide	4.173	76	115398	53.168	ug/l	98
18) Methyl Acetate	4.466	43	29609	57.011	ug/l	95
19) Methyl tert-butyl Ether	5.204	73	94309	51.217	ug/l	100
20) Methylene Chloride	4.698	84	46974	49.938	ug/l	96
21) trans-1,2-Dichloroethene	5.198	96	39930	51.570	ug/l	95
22) Diisopropyl ether	6.106	45	133403	56.972	ug/l	97
23) Vinyl Acetate	6.045	43	438271	291.396	ug/l	96
24) 1,1-Dichloroethane	6.002	63	69516	52.538	ug/l	97
25) 2-Butanone	6.978	43	84433	299.925	ug/l	96
26) 2,2-Dichloropropane	6.972	77	59603	48.715	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	44131	51.719	ug/l	99
28) Bromochloromethane	7.325	49	23820	44.232	ug/l	92
29) Tetrahydrofuran	7.337	42	55193	305.474	ug/l	95
30) Chloroform	7.496	83	69292	51.863	ug/l	100
31) Cyclohexane	7.776	56	70785	54.263	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	59192	50.453	ug/l	97
36) 1,1-Dichloropropene	7.911	75	55881	52.391	ug/l	98
37) Ethyl Acetate	7.063	43	36083	58.142	ug/l	99
38) Carbon Tetrachloride	7.892	117	55036	50.538	ug/l	95
39) Methylcyclohexane	9.179	83	69261	52.316	ug/l	94
40) Benzene	8.148	78	166525	52.966	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	19860m	58.872	ug/l	
42) 1,2-Dichloroethane	8.228	62	44427	50.624	ug/l	100
43) Isopropyl Acetate	8.264	43	66065	57.636	ug/l	97
44) Trichloroethene	8.935	130	42291	48.846	ug/l	96
45) 1,2-Dichloropropane	9.209	63	42235	54.453	ug/l	98
46) Dibromomethane	9.301	93	23985	53.502	ug/l	96
47) Bromodichloromethane	9.490	83	53651	51.770	ug/l	97
48) Methyl methacrylate	9.288	41	28721	56.491	ug/l	93
49) 1,4-Dioxane	9.288	88	5686	959.082	ug/l	97
51) 4-Methyl-2-Pentanone	10.063	43	184254	311.915	ug/l	97
52) Toluene	10.239	92	101640	52.230	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	57144	52.043	ug/l	99
54) cis-1,3-Dichloropropene	9.922	75	66099	52.752	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	33684	54.312	ug/l	97
56) Ethyl methacrylate	10.508	69	47538	57.573	ug/l	95
57) 1,3-Dichloropropane	10.788	76	56923	54.085	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	103756	253.050	ug/l	96
59) 2-Hexanone	10.831	43	129710	314.963	ug/l	98
60) Dibromochloromethane	10.977	129	38407	51.771	ug/l	100
61) 1,2-Dibromoethane	11.087	107	32270	53.440	ug/l	100
64) Tetrachloroethene	10.715	164	40493	44.114	ug/l	93
65) Chlorobenzene	11.514	112	109074	50.661	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	39343	51.029	ug/l	98
67) Ethyl Benzene	11.587	91	199210	51.974	ug/l	97
68) m/p-Xylenes	11.696	106	151306	101.160	ug/l	94
69) o-Xylene	12.026	106	72880	51.742	ug/l	97
70) Styrene	12.044	104	123326	52.617	ug/l	99
71) Bromoform	12.202	173	25434	52.924	ug/l #	100
73) Isopropylbenzene	12.324	105	189345	50.193	ug/l	99
74) N-amyl acetate	12.141	43	60953	57.949	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.580	83	40584	55.722	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	28729m	52.681	ug/l	
77) Bromobenzene	12.605	156	44559	48.491	ug/l	92
78) n-propylbenzene	12.666	91	243977	51.895	ug/l	97
79) 2-Chlorotoluene	12.751	91	134305	51.653	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	162457	50.909	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	15060	54.839	ug/l	98
82) 4-Chlorotoluene	12.849	91	139805	51.437	ug/l	99
83) tert-Butylbenzene	13.074	119	141497	50.719	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	160325	50.928	ug/l	99
85) sec-Butylbenzene	13.251	105	212900	51.275	ug/l	99
86) p-Isopropyltoluene	13.367	119	173807	50.751	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	87531	49.261	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	87961	49.017	ug/l	99
89) n-Butylbenzene	13.696	91	166438	51.488	ug/l	97
90) Hexachloroethane	13.958	117	33669	51.677	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	79784	49.851	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6491	52.238	ug/l	94
93) 1,2,4-Trichlorobenzene	15.001	180	44884	47.181	ug/l	99
94) Hexachlorobutadiene	15.110	225	24932	47.346	ug/l	99
95) Naphthalene	15.232	128	100379	52.061	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	39419	47.803	ug/l	97

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

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