

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042122\
 Data File : VY008438.D
 Acq On : 21 Apr 2022 12:58
 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 04/22/2022
 Supervised By :Mahesh Dadoda 04/25/2022

Quant Time: Apr 21 13:29:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 13:25:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	89500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	157157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	155662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	60236	65.621	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.240%
35) Dibromofluoromethane	7.716	113	57897	60.370	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.740%
50) Toluene-d8	10.179	98	211902	63.738	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	127.480%
62) 4-Bromofluorobenzene	12.483	95	75509	60.827	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	40413	52.192	ug/l	100
3) Chloromethane	2.113	50	67274	64.036	ug/l	96
4) Vinyl Chloride	2.253	62	88542	63.837	ug/l	97
5) Bromomethane	2.650	94	75133	59.852	ug/l	100
6) Chloroethane	2.796	64	57856	60.438	ug/l	97
7) Trichlorofluoromethane	3.125	101	86015	54.278	ug/l	92
8) Diethyl Ether	3.527	74	30981	54.099	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.899	101	50446	50.052	ug/l	94
10) Methyl Iodide	4.088	142	69098	66.419	ug/l	91
11) Tert butyl alcohol	4.948	59	27676	289.918	ug/l #	93
12) 1,1-Dichloroethene	3.875	96	49480	53.862	ug/l #	77
13) Acrolein	3.729	56	28725	375.637	ug/l	100
14) Allyl chloride	4.479	41	65178	54.645	ug/l #	86
15) Acrylonitrile	5.161	53	80222	284.700	ug/l	97
16) Acetone	3.942	43	67806	313.513	ug/l	90
17) Carbon Disulfide	4.192	76	152639	60.956	ug/l	99
18) Methyl Acetate	4.472	43	34508	55.858	ug/l #	82
19) Methyl tert-butyl Ether	5.222	73	163020	57.088	ug/l	92
20) Methylene Chloride	4.716	84	69100	47.545	ug/l #	78
21) trans-1,2-Dichloroethene	5.216	96	61126	55.340	ug/l	83
22) Diisopropyl ether	6.118	45	160453	56.655	ug/l #	93
23) Vinyl Acetate	6.058	43	571808	306.018	ug/l #	87
24) 1,1-Dichloroethane	6.021	63	99242	54.794	ug/l	99
25) 2-Butanone	6.984	43	103162	305.199	ug/l #	80
26) 2,2-Dichloropropane	6.978	77	91308	54.938	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	71089	54.661	ug/l	82
28) Bromochloromethane	7.338	49	42292	60.950	ug/l #	74
29) Tetrahydrofuran	7.344	42	64680	298.476	ug/l #	74
30) Chloroform	7.508	83	109926	54.438	ug/l	96
31) Cyclohexane	7.783	56	83575	52.807	ug/l #	81
32) 1,1,1-Trichloroethane	7.704	97	94762	53.906	ug/l	96
36) 1,1-Dichloropropene	7.917	75	80961	54.188	ug/l	96
37) Ethyl Acetate	7.069	43	44636	57.041	ug/l #	90
38) Carbon Tetrachloride	7.899	117	84779	53.085	ug/l	99
39) Methylcyclohexane	9.185	83	104532	54.315	ug/l #	86
40) Benzene	8.161	78	242722	54.431	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	19467m	45.430	ug/l	
42) 1,2-Dichloroethane	8.234	62	74364	56.919	ug/l	89
43) Isopropyl Acetate	8.271	43	87190	59.461	ug/l #	88
44) Trichloroethene	8.941	130	64950	51.766	ug/l	96
45) 1,2-Dichloropropane	9.215	63	59748	54.870	ug/l	98
46) Dibromomethane	9.307	93	42285	57.902	ug/l	94
47) Bromodichloromethane	9.496	83	89072	54.998	ug/l	99
48) Methyl methacrylate	9.289	41	37296	59.621	ug/l #	74
49) 1,4-Dioxane	9.295	88	10634	1140.910	ug/l #	77
51) 4-Methyl-2-Pentanone	10.069	43	228729	301.259	ug/l #	86
52) Toluene	10.246	92	160523	54.757	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	97376	58.258	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	104846	56.118	ug/l #	84
55) 1,1,2-Trichloroethane	10.648	97	57306	55.589	ug/l	96
56) Ethyl methacrylate	10.508	69	76120	59.473	ug/l #	76
57) 1,3-Dichloropropane	10.788	76	94234	56.622	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	209823	383.181	ug/l	90
59) 2-Hexanone	10.831	43	162408	309.430	ug/l	82
60) Dibromochloromethane	10.983	129	67206	55.982	ug/l	99
61) 1,2-Dibromoethane	11.087	107	56570	56.032	ug/l	99
64) Tetrachloroethene	10.715	164	55147	49.707	ug/l	97
65) Chlorobenzene	11.514	112	177011	51.596	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	65809	51.661	ug/l	97
67) Ethyl Benzene	11.593	91	303428	52.031	ug/l	98
68) m/p-Xylenes	11.703	106	244021	105.116	ug/l	92
69) o-Xylene	12.026	106	118206	52.568	ug/l	91
70) Styrene	12.044	104	205637	55.035	ug/l	93
71) Bromoform	12.209	173	42149	54.365	ug/l #	99
73) Isopropylbenzene	12.331	105	294630	50.156	ug/l	99
74) N-amyl acetate	12.142	43	78820	59.210	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.581	83	70179	55.103	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	51852m	57.868	ug/l	
77) Bromobenzene	12.611	156	73895	50.963	ug/l	95
78) n-propylbenzene	12.672	91	357910	51.369	ug/l	97
79) 2-Chlorotoluene	12.758	91	201734	51.441	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	243913	50.586	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	23500	58.246	ug/l #	82
82) 4-Chlorotoluene	12.855	91	212137	52.451	ug/l	97
83) tert-Butylbenzene	13.075	119	212130	49.319	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	243855	51.042	ug/l	96
85) sec-Butylbenzene	13.251	105	322840	50.409	ug/l	99
86) p-Isopropyltoluene	13.367	119	267531	50.241	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	144330	50.631	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	141512	50.171	ug/l	99
89) n-Butylbenzene	13.696	91	250525	51.663	ug/l	100
90) Hexachloroethane	13.959	117	49994	50.215	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	128419	50.576	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10346	56.548	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	72755	48.495	ug/l	99
94) Hexachlorobutadiene	15.111	225	34329	45.560	ug/l	98
95) Naphthalene	15.239	128	169669	52.049	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	64322	48.831	ug/l	99

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

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