

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040822\
 Data File : VY008255.D
 Acq On : 08 Apr 2022 12:32
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Apr 08 13:00:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 12:53:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	146294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	245030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	227714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116687	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	60584	42.757	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.520%
35) Dibromofluoromethane	7.715	113	66266	44.358	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.720%
50) Toluene-d8	10.178	98	228156	41.156	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.320%
62) 4-Bromofluorobenzene	12.483	95	83522	42.542	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.905	85	49818	39.933	ug/l	96
3) Chloromethane	2.113	50	66204	42.933	ug/l	95
4) Vinyl Chloride	2.253	62	89823	43.715	ug/l	98
5) Bromomethane	2.649	94	72774	42.773	ug/l	97
6) Chloroethane	2.796	64	63067	46.075	ug/l	95
7) Trichlorofluoromethane	3.125	101	107478	41.411	ug/l	93
8) Diethyl Ether	3.527	74	38686	45.571	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.899	101	71487	44.128	ug/l	92
10) Methyl Iodide	4.088	142	82143	49.566	ug/l	90
11) Tert butyl alcohol	4.954	59	31546	216.631	ug/l #	95
12) 1,1-Dichloroethene	3.875	96	63284	42.388	ug/l #	78
13) Acrolein	3.728	56	32973	261.991	ug/l	98
14) Allyl chloride	4.478	41	86593	44.096	ug/l #	90
15) Acrylonitrile	5.161	53	97771	240.450	ug/l	98
16) Acetone	3.942	43	76333	236.442	ug/l #	85
17) Carbon Disulfide	4.192	76	163573	39.397	ug/l	100
18) Methyl Acetate	4.478	43	39493	35.934	ug/l #	80
19) Methyl tert-butyl Ether	5.216	73	202052	46.969	ug/l	93
20) Methylene Chloride	4.710	84	82575	42.562	ug/l #	78
21) trans-1,2-Dichloroethene	5.216	96	76926	44.235	ug/l #	82
22) Diisopropyl ether	6.124	45	206346	48.149	ug/l #	87
23) Vinyl Acetate	6.057	43	671482	254.642	ug/l #	85
24) 1,1-Dichloroethane	6.021	63	129650	45.896	ug/l	97
25) 2-Butanone	6.984	43	115098	234.094	ug/l #	73
26) 2,2-Dichloropropane	6.978	77	122143	45.753	ug/l	92
27) cis-1,2-Dichloroethene	6.984	96	93820	46.168	ug/l	80
28) Bromochloromethane	7.331	49	56811	57.053	ug/l #	64
29) Tetrahydrofuran	7.343	42	74923	233.876	ug/l #	73
30) Chloroform	7.508	83	144825	47.105	ug/l	98
31) Cyclohexane	7.782	56	105998	40.219	ug/l #	83
32) 1,1,1-Trichloroethane	7.703	97	128583	45.621	ug/l	94
36) 1,1-Dichloropropene	7.917	75	105369	45.100	ug/l	96
37) Ethyl Acetate	7.069	43	53162	48.491	ug/l #	92
38) Carbon Tetrachloride	7.898	117	114566	45.038	ug/l	99
39) Methylcyclohexane	9.185	83	135114	43.094	ug/l #	83
40) Benzene	8.160	78	311577	46.325	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	31534m	56.085	ug/l	
42) 1,2-Dichloroethane	8.240	62	90578	47.766	ug/l	89
43) Isopropyl Acetate	8.270	43	98879	46.131	ug/l #	83
44) Trichloroethene	8.941	130	89786	46.136	ug/l	99
45) 1,2-Dichloropropane	9.215	63	77036	48.310	ug/l	90
46) Dibromomethane	9.307	93	50773	48.473	ug/l	97
47) Bromodichloromethane	9.496	83	115460	48.206	ug/l	98
48) Methyl methacrylate	9.288	41	41363	44.027	ug/l #	71
49) 1,4-Dioxane	9.294	88	13638	987.451	ug/l #	73
51) 4-Methyl-2-Pentanone	10.069	43	256063	237.013	ug/l #	82
52) Toluene	10.245	92	209247	47.520	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	118173	48.312	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	133638	48.185	ug/l #	80
55) 1,1,2-Trichloroethane	10.648	97	72797	50.175	ug/l	96
56) Ethyl methacrylate	10.508	69	90900	48.734	ug/l #	72
57) 1,3-Dichloropropane	10.788	76	116227	49.030	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	170882	218.437	ug/l #	87
59) 2-Hexanone	10.831	43	178340	237.057	ug/l	79
60) Dibromochloromethane	10.983	129	87192	49.568	ug/l	100
61) 1,2-Dibromoethane	11.087	107	71227	49.525	ug/l	100
64) Tetrachloroethene	10.721	164	75266	44.211	ug/l	98
65) Chlorobenzene	11.520	112	234809	46.947	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	90044	48.627	ug/l	98
67) Ethyl Benzene	11.593	91	403950	46.243	ug/l	97
68) m/p-Xylenes	11.702	106	323332	93.230	ug/l	89
69) o-Xylene	12.032	106	158418	47.552	ug/l	88
70) Styrene	12.044	104	264603	48.530	ug/l	93
71) Bromoform	12.208	173	54648	49.180	ug/l #	97
73) Isopropylbenzene	12.330	105	410736	43.932	ug/l	99
74) N-amyl acetate	12.148	43	86337	42.266	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.586	83	84896	46.438	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	63847m	45.540	ug/l	
77) Bromobenzene	12.611	156	98488	45.732	ug/l	89
78) n-propylbenzene	12.672	91	483913	43.815	ug/l	97
79) 2-Chlorotoluene	12.757	91	267751	43.758	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	338079	44.126	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	27362	44.452	ug/l #	80
82) 4-Chlorotoluene	12.855	91	275930	43.930	ug/l	94
83) tert-Butylbenzene	13.074	119	304259	44.632	ug/l	92
84) 1,2,4-Trimethylbenzene	13.123	105	335678	44.844	ug/l	95
85) sec-Butylbenzene	13.251	105	451083	44.670	ug/l	98
86) p-Isopropyltoluene	13.373	119	382371	45.505	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	201446	47.038	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	197710	46.336	ug/l	97
89) n-Butylbenzene	13.696	91	341511	44.185	ug/l	98
90) Hexachloroethane	13.964	117	71292	44.005	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	177901	47.225	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12271	42.558	ug/l	73
93) 1,2,4-Trichlorobenzene	15.007	180	101141	44.874	ug/l	98
94) Hexachlorobutadiene	15.116	225	51111	42.852	ug/l	99
95) Naphthalene	15.238	128	216599	43.881	ug/l	98
96) 1,2,3-Trichlorobenzene	15.427	180	87521	44.876	ug/l	98

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

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