

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081522\
 Data File : VY010032.D
 Acq On : 15 Aug 2022 17:17
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 16 06:28:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 06:22:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	117124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	162262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	155452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	55445	47.145	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.300%
35) Dibromofluoromethane	7.710	113	52112	52.477	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.960%
50) Toluene-d8	10.173	98	201694	52.928	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.860%
62) 4-Bromofluorobenzene	12.477	95	72697	52.024	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	43381	41.939	ug/l	100
3) Chloromethane	2.107	50	64195	74.742	ug/l	100
4) Vinyl Chloride	2.241	62	82031	86.008	ug/l	100
5) Bromomethane	2.638	94	61349	97.977	ug/l	100
6) Chloroethane	2.784	64	54230	85.227	ug/l	100
7) Trichlorofluoromethane	3.113	101	93494	46.512	ug/l	100
8) Diethyl Ether	3.522	74	26089	36.128	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.881	101	49807	39.781	ug/l	100
10) Methyl Iodide	4.076	142	68240	45.316	ug/l	100
11) Tert butyl alcohol	4.948	59	22252	199.762	ug/l	100
12) 1,1-Dichloroethene	3.863	96	46410	38.397	ug/l	100
13) Acrolein	3.717	56	16211	116.990	ug/l	100
14) Allyl chloride	4.460	41	67649	39.844	ug/l	100
15) Acrylonitrile	5.143	53	61120	177.899	ug/l	100
16) Acetone	3.936	43	59163	215.143	ug/l	100
17) Carbon Disulfide	4.180	76	136748	35.194	ug/l	100
18) Methyl Acetate	4.466	43	30757	40.656	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	127294	42.885	ug/l	100
20) Methylene Chloride	4.704	84	55762	38.294	ug/l	100
21) trans-1,2-Dichloroethene	5.210	96	54256	40.217	ug/l	100
22) Diisopropyl ether	6.106	45	152380	43.872	ug/l	100
23) Vinyl Acetate	6.045	43	495393	231.215	ug/l	100
24) 1,1-Dichloroethane	6.003	63	89194	40.684	ug/l	100
25) 2-Butanone	6.978	43	89238	207.777	ug/l	100
26) 2,2-Dichloropropane	6.966	77	89859	45.325	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	60658	41.766	ug/l	100
28) Bromochloromethane	7.326	49	36868	42.093	ug/l	100
29) Tetrahydrofuran	7.338	42	54919	203.433	ug/l	100
30) Chloroform	7.496	83	100040	43.759	ug/l	100
31) Cyclohexane	7.777	56	78617	38.268	ug/l	100
32) 1,1,1-Trichloroethane	7.691	97	96457	48.792	ug/l	100
36) 1,1-Dichloropropene	7.905	75	75540	50.951	ug/l	100
37) Ethyl Acetate	7.064	43	39557	49.595	ug/l	100
38) Carbon Tetrachloride	7.893	117	91243	59.729	ug/l	100
39) Methylcyclohexane	9.173	83	88423	50.091	ug/l	100
40) Benzene	8.149	78	214578	48.376	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	17846m	42.134	ug/l	
42) 1,2-Dichloroethane	8.228	62	66396	56.169	ug/l	100
43) Isopropyl Acetate	8.265	43	72974	52.344	ug/l	100
44) Trichloroethene	8.935	130	65092	53.321	ug/l	100
45) 1,2-Dichloropropane	9.210	63	50159	47.234	ug/l	100
46) Dibromomethane	9.301	93	32214	50.123	ug/l	100
47) Bromodichloromethane	9.490	83	78581	54.155	ug/l	100
48) Methyl methacrylate	9.289	41	32546	53.195	ug/l	100
49) 1,4-Dioxane	9.289	88	6531	854.175	ug/l	100
51) 4-Methyl-2-Pentanone	10.063	43	204783	270.606	ug/l	100
52) Toluene	10.240	92	149195	54.832	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	77439	52.449	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	85049	50.267	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	44809	48.932	ug/l	100
56) Ethyl methacrylate	10.508	69	56640	50.567	ug/l	100
57) 1,3-Dichloropropane	10.789	76	72446	48.890	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.777	63	106349	216.510	ug/l	100
59) 2-Hexanone	10.831	43	145244	278.532	ug/l	100
60) Dibromochloromethane	10.977	129	58799	55.250	ug/l	100
61) 1,2-Dibromoethane	11.081	107	43905	49.985	ug/l	100
64) Tetrachloroethene	10.715	164	66602	57.320	ug/l	100
65) Chlorobenzene	11.514	112	163452	51.573	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	64806	56.511	ug/l	100
67) Ethyl Benzene	11.587	91	294117	54.837	ug/l	100
68) m/p-Xylenes	11.697	106	236668	113.322	ug/l	100
69) o-Xylene	12.026	106	110292	55.702	ug/l	100
70) Styrene	12.038	104	189987	56.359	ug/l	100
71) Bromoform	12.203	173	40816	56.275	ug/l #	100
73) Isopropylbenzene	12.325	105	292460	48.538	ug/l	100
74) N-amyl acetate	12.142	43	78535	50.631	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	54619	40.224	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	39599m	38.818	ug/l	
77) Bromobenzene	12.605	156	71823	49.028	ug/l	100
78) n-propylbenzene	12.666	91	358654	47.585	ug/l	100
79) 2-Chlorotoluene	12.752	91	198790	46.694	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	253978	51.421	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	20101	43.039	ug/l	100
82) 4-Chlorotoluene	12.849	91	210700	47.357	ug/l	100
83) tert-Butylbenzene	13.075	119	223121	51.341	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	255316	51.348	ug/l	100
85) sec-Butylbenzene	13.251	105	331612	49.732	ug/l	100
86) p-Isopropyltoluene	13.367	119	285588	53.811	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	150147	51.449	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	147783	48.960	ug/l	100
89) n-Butylbenzene	13.697	91	256949	50.778	ug/l	100
90) Hexachloroethane	13.959	117	52922	47.268	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	131393	50.565	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9084	41.578	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	80784	54.131	ug/l	100
94) Hexachlorobutadiene	15.111	225	48691	56.395	ug/l	100
95) Naphthalene	15.233	128	150399	43.632	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	67190	50.992	ug/l	100

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

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