

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
 Data File : VY006184.D
 Acq On : 28 Sep 2021 13:09
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/29/2021 6:33:19 PM

Quant Time: Sep 28 17:30:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:25:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	190371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	293583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	269597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	98908	47.613	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.220%
35) Dibromofluoromethane	7.722	113	75409	47.851	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.700%
50) Toluene-d8	10.185	98	315685	47.845	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.680%
62) 4-Bromofluorobenzene	12.483	95	108545	47.556	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	94373	46.724	ug/l	100
3) Chloromethane	2.119	50	114780	50.609	ug/l	97
4) Vinyl Chloride	2.259	62	123045	47.465	ug/l	100
5) Bromomethane	2.656	94	74902	43.057	ug/l	98
6) Chloroethane	2.802	64	73977	48.513	ug/l	99
7) Trichlorofluoromethane	3.131	101	162746	48.219	ug/l	95
8) Diethyl Ether	3.540	74	55335	50.193	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.911	101	85989	47.849	ug/l	97
10) Methyl Iodide	4.100	142	100592	54.944	ug/l	94
11) Tert butyl alcohol	4.960	59	45160	248.702	ug/l #	93
12) 1,1-Dichloroethene	3.881	96	88257	48.504	ug/l	93
13) Acrolein	3.735	56	33201	312.835	ug/l	100
14) Allyl chloride	4.491	41	173283	50.051	ug/l	95
15) Acrylonitrile	5.173	53	146446	254.225	ug/l	100
16) Acetone	3.954	43	167596	294.883	ug/l	98
17) Carbon Disulfide	4.204	76	295387	48.068	ug/l	99
18) Methyl Acetate	4.485	43	98985	51.186	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	269780	51.591	ug/l	100
20) Methylene Chloride	4.722	84	100753	44.901	ug/l	93
21) trans-1,2-Dichloroethene	5.228	96	98575	48.911	ug/l	97
22) Diisopropyl ether	6.124	45	344012	50.079	ug/l	96
23) Vinyl Acetate	6.070	43	1050887	256.407	ug/l	99
24) 1,1-Dichloroethane	6.027	63	180785	49.113	ug/l	98
25) 2-Butanone	6.990	43	218748	273.451	ug/l	95
26) 2,2-Dichloropropane	6.990	77	165025	48.194	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	111182	49.522	ug/l	96
28) Bromochloromethane	7.344	49	74169	49.544	ug/l	96
29) Tetrahydrofuran	7.356	42	130894	259.888	ug/l	97
30) Chloroform	7.514	83	181365	49.374	ug/l	99
31) Cyclohexane	7.789	56	183886	45.669	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	167354	48.881	ug/l	98
36) 1,1-Dichloropropene	7.923	75	142614	48.322	ug/l	98
37) Ethyl Acetate	7.082	43	86903	51.485	ug/l	97
38) Carbon Tetrachloride	7.905	117	152743	49.097	ug/l	96
39) Methylcyclohexane	9.191	83	183210	49.831	ug/l	98
40) Benzene	8.167	78	412572	49.078	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	54927m	49.477	ug/l	
42) 1,2-Dichloroethane	8.240	62	135159	49.882	ug/l	97
43) Isopropyl Acetate	8.277	43	167964	50.967	ug/l	96
44) Trichloroethene	8.947	130	105808	48.626	ug/l	96
45) 1,2-Dichloropropane	9.221	63	101235	49.863	ug/l	96
46) Dibromomethane	9.307	93	55409	49.652	ug/l	98
47) Bromodichloromethane	9.502	83	141338	50.034	ug/l	98
48) Methyl methacrylate	9.295	41	82486	52.543	ug/l	95
49) 1,4-Dioxane	9.301	88	14626	1024.159	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	446537	263.064	ug/l	97
52) Toluene	10.246	92	257215	49.560	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	154281	50.690	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	170676	50.594	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	78546	50.427	ug/l	99
56) Ethyl methacrylate	10.514	69	122845	53.307	ug/l	92
57) 1,3-Dichloropropane	10.794	76	141108	50.646	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	289998	256.305	ug/l	100
59) 2-Hexanone	10.837	43	328692	269.367	ug/l	96
60) Dibromochloromethane	10.989	129	95201	51.015	ug/l	100
61) 1,2-Dibromoethane	11.093	107	75005	50.943	ug/l	98
64) Tetrachloroethene	10.721	164	106736	47.573	ug/l	98
65) Chlorobenzene	11.520	112	268273	49.335	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	99430	50.682	ug/l	99
67) Ethyl Benzene	11.593	91	506223	50.039	ug/l	100
68) m/p-Xylenes	11.703	106	383722	100.467	ug/l	99
69) o-Xylene	12.032	106	181847	50.234	ug/l	98
70) Styrene	12.044	104	313889	51.410	ug/l	99
71) Bromoform	12.209	173	63729	51.691	ug/l #	100
73) Isopropylbenzene	12.331	105	483906	50.336	ug/l	99
74) N-amyl acetate	12.148	43	158169	53.375	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	88864	51.082	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	63863m	101.542	ug/l	
77) Bromobenzene	12.611	156	113757	50.030	ug/l	98
78) n-propylbenzene	12.672	91	592581	49.935	ug/l	100
79) 2-Chlorotoluene	12.757	91	327530	49.666	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	404500	50.245	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	34685	52.729	ug/l	95
82) 4-Chlorotoluene	12.855	91	338539	49.545	ug/l	100
83) tert-Butylbenzene	13.074	119	344211	49.070	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	399687	49.971	ug/l	99
85) sec-Butylbenzene	13.257	105	524224	49.891	ug/l	100
86) p-Isopropyltoluene	13.373	119	441999	49.889	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	222156	49.238	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	219501	48.812	ug/l	98
89) n-Butylbenzene	13.696	91	416257	49.482	ug/l	99
90) Hexachloroethane	13.965	117	79894	49.390	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	195906	49.320	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	16674	49.968	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	129612	48.433	ug/l	99
94) Hexachlorobutadiene	15.111	225	83801	48.251	ug/l	99
95) Naphthalene	15.239	128	264493	50.897	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	114202	48.027	ug/l	100

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

