

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
 Data File : VY006100.D
 Acq On : 20 Sep 2021 16:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 9/21/2021 6:58:57 PM

Quant Time: Sep 21 02:12:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	182988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	293568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	276458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	126246	49.668	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.340%
35) Dibromofluoromethane	7.728	113	94749	51.963	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.920%
50) Toluene-d8	10.185	98	390823	50.290	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.580%
62) 4-Bromofluorobenzene	12.483	95	138237	52.392	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	81620	42.223	ug/l	99
3) Chloromethane	2.119	50	101699	42.308	ug/l	99
4) Vinyl Chloride	2.260	62	113276	41.737	ug/l	98
5) Bromomethane	2.656	94	77615	44.079	ug/l	100
6) Chloroethane	2.802	64	71470	43.911	ug/l	100
7) Trichlorofluoromethane	3.131	101	152969	43.235	ug/l	96
8) Diethyl Ether	3.540	74	59097	50.810	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.912	101	83282	47.147	ug/l	96
10) Methyl Iodide	4.101	142	84076	44.961	ug/l	94
11) Tert butyl alcohol	4.966	59	60791	135.366	ug/l #	94
12) 1,1-Dichloroethene	3.881	96	85434	46.760	ug/l	98
13) Acrolein	3.735	56	53205	348.359	ug/l	96
14) Allyl chloride	4.491	41	188290	48.278	ug/l	94
15) Acrylonitrile	5.174	53	176412	266.277	ug/l	99
16) Acetone	3.954	43	157713	226.220	ug/l	97
17) Carbon Disulfide	4.204	76	278560	45.652	ug/l	100
18) Methyl Acetate	4.485	43	95833	54.570	ug/l	100
19) Methyl tert-butyl Ether	5.229	73	302163	51.298	ug/l	97
20) Methylene Chloride	4.729	84	116272	53.809	ug/l	97
21) trans-1,2-Dichloroethene	5.235	96	97939	47.804	ug/l	99
22) Diisopropyl ether	6.131	45	388207	51.224	ug/l	94
23) Vinyl Acetate	6.070	43	1216622	254.413	ug/l	100
24) 1,1-Dichloroethane	6.027	63	192677	49.622	ug/l	99
25) 2-Butanone	6.996	43	248473	258.586	ug/l	96
26) 2,2-Dichloropropane	6.990	77	161816	43.992	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	114576	50.127	ug/l	98
28) Bromochloromethane	7.344	49	98734	57.885	ug/l	97
29) Tetrahydrofuran	7.356	42	164157	271.820	ug/l	99
30) Chloroform	7.515	83	189535	48.684	ug/l	98
31) Cyclohexane	7.795	56	179841	44.168	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	166761	45.620	ug/l	99
36) 1,1-Dichloropropene	7.923	75	142665	45.025	ug/l	99
37) Ethyl Acetate	7.082	43	107016	48.890	ug/l	99
38) Carbon Tetrachloride	7.911	117	146579	42.493	ug/l	100
39) Methylcyclohexane	9.191	83	173329	44.135	ug/l	99
40) Benzene	8.167	78	422462	46.494	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	75938m	59.399	ug/l	
42) 1,2-Dichloroethane	8.246	62	143356	44.614	ug/l	97
43) Isopropyl Acetate	8.277	43	205232	50.336	ug/l	99
44) Trichloroethene	8.941	130	105278	46.495	ug/l	93
45) 1,2-Dichloropropane	9.222	63	110282	49.063	ug/l	100
46) Dibromomethane	9.313	93	59493	48.899	ug/l	99
47) Bromodichloromethane	9.502	83	148566	47.441	ug/l	97
48) Methyl methacrylate	9.301	41	95811	50.855	ug/l	95
49) 1,4-Dioxane	9.301	88	17120	1019.629	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	561991	258.553	ug/l	98
52) Toluene	10.246	92	259198	46.292	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	167108	48.579	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	181527	48.928	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	83608	50.009	ug/l	99
56) Ethyl methacrylate	10.514	69	143346	53.634	ug/l	94
57) 1,3-Dichloropropane	10.795	76	154598	50.170	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	380289	271.799	ug/l	98
59) 2-Hexanone	10.837	43	397885	265.155	ug/l	98
60) Dibromochloromethane	10.990	129	101688	49.333	ug/l	99
61) 1,2-Dibromoethane	11.093	107	81239	51.445	ug/l	99
64) Tetrachloroethene	10.721	164	103107	45.599	ug/l	98
65) Chlorobenzene	11.520	112	267877	45.284	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	101519	46.045	ug/l	99
67) Ethyl Benzene	11.593	91	507305	45.117	ug/l	99
68) m/p-Xylenes	11.703	106	378205	88.704	ug/l	100
69) o-Xylene	12.032	106	184554	45.830	ug/l	100
70) Styrene	12.044	104	320151	46.409	ug/l	100
71) Bromoform	12.209	173	67957	49.226	ug/l #	99
73) Isopropylbenzene	12.331	105	476660	44.222	ug/l	98
74) N-amyl acetate	12.142	43	190244	51.112	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	101724	50.723	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	71703m	48.858	ug/l	
77) Bromobenzene	12.611	156	113918	45.294	ug/l	96
78) n-propylbenzene	12.672	91	584774	43.849	ug/l	99
79) 2-Chlorotoluene	12.758	91	333909	46.050	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	400591	44.812	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	39830	49.897	ug/l	95
82) 4-Chlorotoluene	12.855	91	339031	45.235	ug/l	99
83) tert-Butylbenzene	13.075	119	341805	44.706	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	402519	45.386	ug/l	100
85) sec-Butylbenzene	13.251	105	506870	44.286	ug/l	99
86) p-Isopropyltoluene	13.367	119	421647	43.152	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	218523	45.052	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	215589	44.312	ug/l	99
89) n-Butylbenzene	13.697	91	401190	43.906	ug/l	99
90) Hexachloroethane	13.959	117	78599	44.699	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	196712	46.199	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	19508	49.032	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	126091	45.601	ug/l	100
94) Hexachlorobutadiene	15.111	225	75805	42.372	ug/l	99
95) Naphthalene	15.239	128	284079	51.656	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	110822	46.250	ug/l	98

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

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