

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093021\
 Data File : VY006230.D
 Acq On : 30 Sep 2021 11:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/1/2021 11:02:05 AM

Quant Time: Sep 30 16:54:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	168109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	250105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	229922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83232	46.259	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.520%		
35) Dibromofluoromethane	7.728	113	63741	47.703	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.400%		
50) Toluene-d8	10.185	98	269110	48.122	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.240%		
62) 4-Bromofluorobenzene	12.483	95	92530	48.706	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	75560	44.312	ug/l	99
3) Chloromethane	2.119	50	91186	45.912	ug/l	99
4) Vinyl Chloride	2.260	62	110658	50.272	ug/l	100
5) Bromomethane	2.656	94	74243	51.898	ug/l	99
6) Chloroethane	2.802	64	66941	51.685	ug/l	100
7) Trichlorofluoromethane	3.137	101	149614	51.602	ug/l	95
8) Diethyl Ether	3.534	74	46098	48.137	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.912	101	77668	50.181	ug/l	96
10) Methyl Iodide	4.101	142	78108	46.306	ug/l	95
11) Tert butyl alcohol	4.960	59	33371	212.027	ug/l #	95
12) 1,1-Dichloroethene	3.881	96	78411	49.801	ug/l	93
13) Acrolein	3.741	56	27917	250.243	ug/l	99
14) Allyl chloride	4.491	41	142939	47.207	ug/l	97
15) Acrylonitrile	5.174	53	119605	237.459	ug/l	99
16) Acetone	3.954	43	142318	283.201	ug/l	97
17) Carbon Disulfide	4.204	76	257507	48.901	ug/l	99
18) Methyl Acetate	4.485	43	76864	45.360	ug/l	97
19) Methyl tert-butyl Ether	5.235	73	229124	49.831	ug/l	95
20) Methylene Chloride	4.729	84	84351	48.587	ug/l	89
21) trans-1,2-Dichloroethene	5.228	96	87616	50.193	ug/l	91
22) Diisopropyl ether	6.125	45	286281	47.792	ug/l	96
23) Vinyl Acetate	6.070	43	847095	235.925	ug/l	97
24) 1,1-Dichloroethane	6.027	63	156690	48.724	ug/l	98
25) 2-Butanone	6.996	43	169165	241.658	ug/l	94
26) 2,2-Dichloropropane	6.990	77	151327	51.458	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	97990	50.123	ug/l	95
28) Bromochloromethane	7.344	49	62401	46.603	ug/l #	91
29) Tetrahydrofuran	7.356	42	99511	225.053	ug/l	93
30) Chloroform	7.515	83	161039	50.200	ug/l	96
31) Cyclohexane	7.789	56	155192	45.527	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	152539	51.498	ug/l	97
36) 1,1-Dichloropropene	7.923	75	127801	51.359	ug/l	99
37) Ethyl Acetate	7.082	43	69695	48.078	ug/l	98
38) Carbon Tetrachloride	7.905	117	139646	53.146	ug/l	98
39) Methylcyclohexane	9.185	83	160669	51.403	ug/l	98
40) Benzene	8.167	78	359079	50.862	ug/l	97

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41) Methacrylonitrile	7.313	41	43430m	46.186	ug/l	
42) 1,2-Dichloroethane	8.240	62	118047	51.896	ug/l	98
43) Isopropyl Acetate	8.277	43	131683	47.362	ug/l	95
44) Trichloroethene	8.947	130	97482	53.463	ug/l	99
45) 1,2-Dichloropropane	9.222	63	85110	48.969	ug/l	96
46) Dibromomethane	9.307	93	46410	50.148	ug/l	94
47) Bromodichloromethane	9.502	83	123277	51.734	ug/l	98
48) Methyl methacrylate	9.295	41	61672	46.236	ug/l	94
49) 1,4-Dioxane	9.301	88	11169	925.016	ug/l	93
51) 4-Methyl-2-Pentanone	10.075	43	350880	243.049	ug/l	96
52) Toluene	10.246	92	231544	52.876	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	131899	50.767	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	144908	50.735	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	66070	50.737	ug/l	99
56) Ethyl methacrylate	10.514	69	100653	50.853	ug/l	92
57) 1,3-Dichloropropane	10.795	76	116450	49.420	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	234235	241.528	ug/l	97
59) 2-Hexanone	10.837	43	264920	257.650	ug/l	96
60) Dibromochloromethane	10.990	129	82577	52.195	ug/l	100
61) 1,2-Dibromoethane	11.093	107	62449	50.649	ug/l	99
64) Tetrachloroethene	10.721	164	107911	58.277	ug/l	95
65) Chlorobenzene	11.520	112	237513	52.137	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	89112	53.080	ug/l	99
67) Ethyl Benzene	11.593	91	452073	52.645	ug/l	99
68) m/p-Xylenes	11.703	106	351712	107.933	ug/l	96
69) o-Xylene	12.032	106	164112	53.325	ug/l	97
70) Styrene	12.044	104	282060	53.968	ug/l	99
71) Bromoform	12.209	173	55003	52.682	ug/l #	99
73) Isopropylbenzene	12.331	105	439311	52.474	ug/l	100
74) N-amyl acetate	12.148	43	123860	47.666	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	69487	45.957	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	64974m	57.197	ug/l	
77) Bromobenzene	12.611	156	103473	52.714	ug/l	93
78) n-propylbenzene	12.672	91	540317	52.431	ug/l	99
79) 2-Chlorotoluene	12.758	91	294277	51.604	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	370761	52.963	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	27888	48.244	ug/l	94
82) 4-Chlorotoluene	12.855	91	305147	51.737	ug/l	99
83) tert-Butylbenzene	13.075	119	326327	54.525	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	366231	52.981	ug/l	99
85) sec-Butylbenzene	13.258	105	480876	53.168	ug/l	99
86) p-Isopropyltoluene	13.373	119	413546	54.184	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	206702	53.150	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	199946	52.143	ug/l	99
89) n-Butylbenzene	13.696	91	383825	52.926	ug/l	100
90) Hexachloroethane	13.965	117	71619	51.671	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	179754	52.858	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	13896	48.241	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	118726	52.833	ug/l	99
94) Hexachlorobutadiene	15.111	225	79110	53.963	ug/l	99
95) Naphthalene	15.239	128	223239	50.001	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	104130	52.282	ug/l	100

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

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