

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091421\
 Data File : VY006003.D
 Acq On : 14 Sep 2021 12:57
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY091421

Manual Integrations
 APPROVED

MMDadoda
 9/15/2021 5:41:13 PM

Quant Time: Sep 15 05:05:44 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	142504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	220919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	206829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	97985	49.501	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.000%		
35) Dibromofluoromethane	7.722	113	68024	49.574	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.140%		
50) Toluene-d8	10.185	98	293976	50.268	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.540%		
62) 4-Bromofluorobenzene	12.483	95	99208	49.964	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	79256	52.648	ug/l	100
3) Chloromethane	2.119	50	104356	55.747	ug/l	97
4) Vinyl Chloride	2.259	62	117323	55.508	ug/l	99
5) Bromomethane	2.656	94	75285	54.903	ug/l	99
6) Chloroethane	2.802	64	70467	55.594	ug/l	97
7) Trichlorofluoromethane	3.131	101	150595	54.656	ug/l	95
8) Diethyl Ether	3.540	74	52880	58.381	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.906	101	77999	56.701	ug/l	97
10) Methyl Iodide	4.101	142	71343	48.990	ug/l	99
11) Tert butyl alcohol	4.954	59	66631	218.988	ug/l	98
12) 1,1-Dichloroethene	3.881	96	79767	56.061	ug/l	96
13) Acrolein	3.735	56	33211	279.223	ug/l	99
14) Allyl chloride	4.491	41	156536	51.539	ug/l	98
15) Acrylonitrile	5.174	53	132867	257.524	ug/l	98
16) Acetone	3.954	43	135092	248.822	ug/l	100
17) Carbon Disulfide	4.204	76	241872	50.900	ug/l	99
18) Methyl Acetate	4.485	43	67869	49.625	ug/l	100
19) Methyl tert-butyl Ether	5.235	73	235227	51.279	ug/l	100
20) Methylene Chloride	4.729	84	84087	49.604	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	80090	50.197	ug/l	98
22) Diisopropyl ether	6.131	45	305670	51.791	ug/l	95
23) Vinyl Acetate	6.070	43	963112	258.617	ug/l	98
24) 1,1-Dichloroethane	6.027	63	153824	50.871	ug/l	99
25) 2-Butanone	6.990	43	183736	245.536	ug/l	97
26) 2,2-Dichloropropane	6.990	77	140040	48.887	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	90620	50.910	ug/l	98
28) Bromochloromethane	7.344	49	71715	53.989	ug/l	96
29) Tetrahydrofuran	7.356	42	118659	252.301	ug/l	100
30) Chloroform	7.515	83	153965	50.783	ug/l	97
31) Cyclohexane	7.789	56	153879	48.528	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	143454	50.393	ug/l	100
36) 1,1-Dichloropropene	7.923	75	119749	50.220	ug/l	99
37) Ethyl Acetate	7.082	43	79915	48.515	ug/l	99
38) Carbon Tetrachloride	7.905	117	131134	50.517	ug/l	98
39) Methylcyclohexane	9.185	83	150787	51.021	ug/l	99
40) Benzene	8.167	78	342401	50.075	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	49266m	51.209	ug/l	
42) 1,2-Dichloroethane	8.240	62	120154	49.690	ug/l	98
43) Isopropyl Acetate	8.277	43	155087	50.546	ug/l	100
44) Trichloroethene	8.941	130	85684	50.285	ug/l	98
45) 1,2-Dichloropropane	9.222	63	85666	50.644	ug/l	98
46) Dibromomethane	9.307	93	46336	50.609	ug/l	98
47) Bromodichloromethane	9.502	83	120921	51.311	ug/l	98
48) Methyl methacrylate	9.295	41	72284	50.985	ug/l	99
49) 1,4-Dioxane	9.301	88	12268	970.929	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	409105	250.110	ug/l	99
52) Toluene	10.246	92	214534	50.915	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	133336	51.508	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	144685	51.822	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	64522	51.284	ug/l	97
56) Ethyl methacrylate	10.514	69	104149	51.783	ug/l	99
57) 1,3-Dichloropropane	10.795	76	117515	50.677	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	249118	236.600	ug/l	100
59) 2-Hexanone	10.831	43	290446	257.207	ug/l	100
60) Dibromochloromethane	10.990	129	79835	51.468	ug/l	100
61) 1,2-Dibromoethane	11.093	107	60957	51.295	ug/l	100
64) Tetrachloroethene	10.721	164	83085	49.114	ug/l	96
65) Chlorobenzene	11.520	112	223650	50.536	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	82756	50.171	ug/l	99
67) Ethyl Benzene	11.593	91	426795	50.735	ug/l	99
68) m/p-Xylenes	11.703	106	326219	102.269	ug/l	99
69) o-Xylene	12.032	106	153638	50.996	ug/l	100
70) Styrene	12.044	104	264084	51.169	ug/l	100
71) Bromoform	12.209	173	52782	51.105	ug/l #	99
73) Isopropylbenzene	12.331	105	411626	49.976	ug/l	99
74) N-amyl acetate	12.142	43	142893	50.239	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	75461	49.242	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	52095m	46.454	ug/l	
77) Bromobenzene	12.611	156	93294	48.543	ug/l	98
78) n-propylbenzene	12.672	91	508823	49.930	ug/l	100
79) 2-Chlorotoluene	12.758	91	279729	50.485	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	345705	50.609	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	29496	48.356	ug/l	98
82) 4-Chlorotoluene	12.855	91	289085	50.476	ug/l	99
83) tert-Butylbenzene	13.075	119	297548	50.929	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	345274	50.947	ug/l	100
85) sec-Butylbenzene	13.251	105	443941	50.760	ug/l	99
86) p-Isopropyltoluene	13.367	119	380887	51.012	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	189209	51.048	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	184025	49.499	ug/l	100
89) n-Butylbenzene	13.696	91	358352	51.323	ug/l	100
90) Hexachloroethane	13.959	117	68180	50.741	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	164952	50.697	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15118	49.726	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	109185	51.674	ug/l	100
94) Hexachlorobutadiene	15.111	225	69323	50.709	ug/l	99
95) Naphthalene	15.233	128	220547	52.481	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	95625	52.225	ug/l	99

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

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