

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102821\
 Data File : VW020710.D
 Acq On : 28 Oct 2021 09:37
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda

10/29/2021 4:38:59 PM

Quant Time: Oct 29 04:55:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102821S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 04:51:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.952	168	118488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	179506	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	167340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	90763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	6666	5.723	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.440%#
35) Dibromofluoromethane	7.884	113	5836	5.542	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.080%#
50) Toluene-d8	10.323	98	20654	5.227	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	10.460%#
62) 4-Bromofluorobenzene	12.615	95	7959	5.339	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	10.680%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	982	3.374	ug/l	93
3) Chloromethane	2.215	50	3438	4.853	ug/l	99
4) Vinyl Chloride	2.355	62	4051	4.886	ug/l	94
5) Bromomethane	2.769	94	1778	5.300	ug/l	96
6) Chloroethane	2.910	64	1080	5.236	ug/l #	82
7) Trichlorofluoromethane	3.251	101	1990	5.101	ug/l	90
8) Diethyl Ether	3.684	74	2540	5.253	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.068	101	4945	5.176	ug/l	95
10) Methyl Iodide	4.275	142	4508	4.189	ug/l	99
11) Tert butyl alcohol	5.178	59	1951	31.475	ug/l #	72
12) 1,1-Dichloroethene	4.044	96	4531	4.865	ug/l	95
13) Acrolein	3.903	56	631	23.155	ug/l	90
14) Allyl chloride	4.665	41	7534	5.260	ug/l	98
15) Acrylonitrile	5.373	53	5925	26.176	ug/l	99
16) Acetone	4.129	43	8798	33.763	ug/l	95
17) Carbon Disulfide	4.385	76	12312	4.776	ug/l	99
18) Methyl Acetate	4.672	43	4670	5.607	ug/l	95
19) Methyl tert-butyl Ether	5.428	73	6464	5.065	ug/l	99
20) Methylene Chloride	4.922	84	9665	7.814	ug/l	93
21) trans-1,2-Dichloroethene	5.421	96	5490	5.271	ug/l	97
22) Diisopropyl ether	6.312	45	14576	4.879	ug/l #	86
23) Vinyl Acetate	6.263	43	38796	23.864	ug/l	99
24) 1,1-Dichloroethane	6.220	63	10118	5.283	ug/l	94
25) 2-Butanone	7.177	43	8787	28.045	ug/l	94
26) 2,2-Dichloropropane	7.165	77	5868	5.507	ug/l	96
27) cis-1,2-Dichloroethene	7.177	96	5850	5.135	ug/l	98
28) Bromochloromethane	7.513	49	5101	5.732	ug/l #	100
29) Tetrahydrofuran	7.543	42	4780	25.214	ug/l	99
30) Chloroform	7.683	83	10857	5.430	ug/l	97
31) Cyclohexane	7.952	56	11499	5.892	ug/l #	70
32) 1,1,1-Trichloroethane	7.872	97	8394	5.484	ug/l	98
36) 1,1-Dichloropropene	8.086	75	8108	5.063	ug/l	100
37) Ethyl Acetate	7.257	43	3616	5.291	ug/l #	97
38) Carbon Tetrachloride	8.067	117	7615	5.164	ug/l	91
39) Methylcyclohexane	9.335	83	9192	4.750	ug/l	94
40) Benzene	8.323	78	25575	5.565	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	1907	4.743	ug/l	92
42) 1,2-Dichloroethane	8.403	62	7696	5.448	ug/l	96
43) Isopropyl Acetate	8.427	43	6557	5.009	ug/l	95
44) Trichloroethene	9.092	130	6224	5.155	ug/l	97
45) 1,2-Dichloropropane	9.366	63	5634	5.197	ug/l	97
46) Dibromomethane	9.457	93	3141	5.332	ug/l	97
47) Bromodichloromethane	9.646	83	7774	5.199	ug/l	98
48) Methyl methacrylate	9.439	41	3121m	5.044	ug/l	
49) 1,4-Dioxane	9.451	88	769	98.473	ug/l	95
51) 4-Methyl-2-Pentanone	10.213	43	17419	25.438	ug/l	96
52) Toluene	10.390	92	14083	5.013	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	7394	4.908	ug/l	92
54) cis-1,3-Dichloropropene	10.073	75	8547	4.932	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	4352	5.297	ug/l	98
56) Ethyl methacrylate	10.646	69	4547	4.431	ug/l	100
57) 1,3-Dichloropropane	10.933	76	7373	5.144	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	10646	21.875	ug/l	99
59) 2-Hexanone	10.969	43	12226	25.246	ug/l	98
60) Dibromochloromethane	11.128	129	4930	5.021	ug/l	100
61) 1,2-Dibromoethane	11.237	107	4079	5.187	ug/l	99
64) Tetrachloroethene	10.866	164	5608	5.263	ug/l	97
65) Chlorobenzene	11.658	112	15776	5.199	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.731	131	5795	5.240	ug/l	97
67) Ethyl Benzene	11.731	91	26578	4.835	ug/l	100
68) m/p-Xylenes	11.841	106	20278	9.523	ug/l	98
69) o-Xylene	12.164	106	9129	4.658	ug/l	99
70) Styrene	12.182	104	15378	4.577	ug/l	98
71) Bromoform	12.353	173	3034	5.019	ug/l #	96
73) Isopropylbenzene	12.463	105	25124	4.586	ug/l	99
74) N-amyl acetate	12.274	43	5577	4.443	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	5077	5.253	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	4133m	8.490	ug/l	
77) Bromobenzene	12.749	156	6691	5.045	ug/l	98
78) n-propylbenzene	12.804	91	31854	4.716	ug/l	98
79) 2-Chlorotoluene	12.890	91	18666	4.798	ug/l	99
80) 1,3,5-Trimethylbenzene	12.945	105	22171	4.650	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	1473	4.728	ug/l	92
82) 4-Chlorotoluene	12.987	91	20350	4.929	ug/l	98
83) tert-Butylbenzene	13.207	119	18840	4.648	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	21688	4.567	ug/l	100
85) sec-Butylbenzene	13.383	105	28265	4.635	ug/l	100
86) p-Isopropyltoluene	13.499	119	23766	4.590	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	13964	5.137	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	14246	5.253	ug/l	92
89) n-Butylbenzene	13.822	91	22748	4.674	ug/l	99
90) Hexachloroethane	14.091	117	4793	5.086	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	12055	5.065	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.481	75	934	5.420	ug/l	90
93) 1,2,4-Trichlorobenzene	15.127	180	7808	4.783	ug/l	98
94) Hexachlorobutadiene	15.231	225	5540	5.252	ug/l	97
95) Naphthalene	15.365	128	11704	4.312	ug/l	98
96) 1,2,3-Trichlorobenzene	15.554	180	7405	5.051	ug/l	96

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

