

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090721\
 Data File : VW019980.D
 Acq On : 07 Sep 2021 11:42
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 9/8/2021 7:11:46 PM

Quant Time: Sep 08 10:49:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W090721S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 08 10:47:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	188348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	305807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	284900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	148559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	22902	10.545	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	21.080%#
35) Dibromofluoromethane	7.891	113	21226	10.611	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	21.220%#
50) Toluene-d8	10.329	98	78567	10.562	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	21.120%#
62) 4-Bromofluorobenzene	12.621	95	26961	9.914	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	19.820%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	12111	10.452	ug/l	96
3) Chloromethane	2.221	50	17064	10.105	ug/l	95
4) Vinyl Chloride	2.373	62	28596	10.424	ug/l	96
5) Bromomethane	2.788	94	23964	10.820	ug/l	99
6) Chloroethane	2.928	64	19258	10.154	ug/l	98
7) Trichlorofluoromethane	3.269	101	15611	9.828	ug/l	97
8) Diethyl Ether	3.684	74	8985	9.315	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.080	101	22075	10.821	ug/l	97
10) Methyl Iodide	4.281	142	28623	10.158	ug/l	100
11) Tert butyl alcohol	5.202	59	4572	48.287	ug/l #	88
12) 1,1-Dichloroethene	4.050	96	19433	9.986	ug/l	94
13) Acrolein	3.910	56	4118	53.383	ug/l	96
14) Allyl chloride	4.678	41	24932	9.325	ug/l	97
15) Acrylonitrile	5.379	53	18457	46.825	ug/l	98
16) Acetone	4.129	43	16678	49.081	ug/l	97
17) Carbon Disulfide	4.391	76	60419	10.275	ug/l	100
18) Methyl Acetate	4.678	43	9568	9.630	ug/l	99
19) Methyl tert-butyl Ether	5.434	73	23119	9.140	ug/l	95
20) Methylene Chloride	4.928	84	30257	11.645	ug/l	92
21) trans-1,2-Dichloroethene	5.434	96	21991	9.946	ug/l	96
22) Diisopropyl ether	6.318	45	53544	9.549	ug/l	96
23) Vinyl Acetate	6.263	43	131854	43.510	ug/l	100
24) 1,1-Dichloroethane	6.220	63	39458	10.003	ug/l	97
25) 2-Butanone	7.183	43	22484	45.886	ug/l	95
26) 2,2-Dichloropropane	7.171	77	24560	10.326	ug/l	100
27) cis-1,2-Dichloroethene	7.177	96	22965	9.768	ug/l	99
28) Bromochloromethane	7.519	49	15030	9.655	ug/l	97
29) Tetrahydrofuran	7.537	42	13090	42.926	ug/l	99
30) Chloroform	7.683	83	42647	10.216	ug/l	99
31) Cyclohexane	7.958	56	36305	10.131	ug/l #	93
32) 1,1,1-Trichloroethane	7.878	97	33968	10.015	ug/l	99
36) 1,1-Dichloropropene	8.086	75	32267	9.908	ug/l	98
37) Ethyl Acetate	7.256	43	10589	9.191	ug/l	99
38) Carbon Tetrachloride	8.073	117	32847	10.056	ug/l	93
39) Methylcyclohexane	9.341	83	35093	9.322	ug/l	96
40) Benzene	8.329	78	90137	10.141	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.494	41	5855m	9.350	ug/l	
42) 1,2-Dichloroethane	8.403	62	26582	9.817	ug/l	99
43) Isopropyl Acetate	8.427	43	20285	9.190	ug/l	99
44) Trichloroethene	9.091	130	23549	10.021	ug/l	94
45) 1,2-Dichloropropane	9.372	63	21757	10.067	ug/l	98
46) Dibromomethane	9.463	93	12126	10.015	ug/l	99
47) Bromodichloromethane	9.646	83	29736	9.839	ug/l	98
48) Methyl methacrylate	9.439	41	8177	8.491	ug/l	97
49) 1,4-Dioxane	9.457	88	2979	191.750	ug/l #	91
51) 4-Methyl-2-Pentanone	10.213	43	51280	45.049	ug/l	98
52) Toluene	10.390	92	55049	9.778	ug/l	98
53) t-1,3-Dichloropropene	10.610	75	26938	9.298	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	32126	9.471	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	16865	10.298	ug/l	92
56) Ethyl methacrylate	10.646	69	15509	8.383	ug/l	94
57) 1,3-Dichloropropane	10.933	76	27222	9.681	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	38493	46.480	ug/l	100
59) 2-Hexanone	10.969	43	33307	43.604	ug/l	98
60) Dibromochloromethane	11.128	129	18254	9.641	ug/l	100
61) 1,2-Dibromoethane	11.237	107	14921	9.783	ug/l	100
64) Tetrachloroethene	10.866	164	20518	10.365	ug/l	93
65) Chlorobenzene	11.658	112	61682	10.113	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	21532	9.832	ug/l	100
67) Ethyl Benzene	11.731	91	100514	9.248	ug/l	98
68) m/p-Xylenes	11.841	106	82840	19.310	ug/l	94
69) o-Xylene	12.170	106	35447	9.011	ug/l	98
70) Styrene	12.182	104	59829	8.990	ug/l	98
71) Bromoform	12.347	173	9891	9.307	ug/l #	100
73) Isopropylbenzene	12.463	105	94013	8.813	ug/l	99
74) N-amyl acetate	12.274	43	18084	8.395	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	18421	9.623	ug/l	97
76) 1,2,3-Trichloropropane	12.768	75	12731m	9.655	ug/l	
77) Bromobenzene	12.749	156	23388	9.497	ug/l	97
78) n-propylbenzene	12.804	91	121882	9.083	ug/l	99
79) 2-Chlorotoluene	12.890	91	73447	9.424	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	87271	9.313	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	4908	8.554	ug/l	95
82) 4-Chlorotoluene	12.987	91	79378	9.669	ug/l	99
83) tert-Butylbenzene	13.207	119	70503	8.973	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	83488	9.068	ug/l	95
85) sec-Butylbenzene	13.383	105	109769	9.191	ug/l	100
86) p-Isopropyltoluene	13.499	119	90836	9.062	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	51910	9.903	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	51594	9.991	ug/l	98
89) n-Butylbenzene	13.822	91	87536	9.079	ug/l	99
90) Hexachloroethane	14.091	117	18580	9.654	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	43493	9.626	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.487	75	2764	8.948	ug/l	100
93) 1,2,4-Trichlorobenzene	15.133	180	27158	9.882	ug/l	96
94) Hexachlorobutadiene	15.231	225	16378	9.930	ug/l	93
95) Naphthalene	15.365	128	40876	8.644	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	22712	9.425	ug/l	100

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

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