

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090721\
 Data File : VW019979.D
 Acq On : 07 Sep 2021 10:55
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
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9/8/2021 7:11:44 PM

Quant Time: Sep 08 12:12:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W090721S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 08 12:11:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	178773	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.847	114	309164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.633	117	285180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	152806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	11574	5.577	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.160%#
35) Dibromofluoromethane	7.890	113	10803	5.321	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.640%#
50) Toluene-d8	10.323	98	36128	4.787	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	9.580%#
62) 4-Bromofluorobenzene	12.621	95	13600	4.870	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	9.740%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	5205	4.794	ug/l	100
3) Chloromethane	2.220	50	8684	5.374	ug/l	99
4) Vinyl Chloride	2.367	62	13355	5.097	ug/l	93
5) Bromomethane	2.781	94	11531	5.428	ug/l	94
6) Chloroethane	2.928	64	8940	4.953	ug/l	94
7) Trichlorofluoromethane	3.263	101	7073	4.718	ug/l	97
8) Diethyl Ether	3.690	74	4372	4.762	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.074	101	10211	5.216	ug/l	# 69
10) Methyl Iodide	4.275	142	13192	4.921	ug/l	100
11) Tert butyl alcohol	5.165	59	2883	29.023	ug/l	# 82
12) 1,1-Dichloroethene	4.043	96	8722	4.728	ug/l	97
13) Acrolein	3.891	56	2232	29.488	ug/l	98
14) Allyl chloride	4.671	41	10457	4.168	ug/l	94
15) Acrylonitrile	5.385	53	9301	24.312	ug/l	97
16) Acetone	4.129	43	9631	28.893	ug/l	94
17) Carbon Disulfide	4.391	76	28584	5.092	ug/l	100
18) Methyl Acetate	4.671	43	4731	4.999	ug/l	98
19) Methyl tert-butyl Ether	5.427	73	11184	4.596	ug/l	95
20) Methylene Chloride	4.921	84	18339	7.316	ug/l	90
21) trans-1,2-Dichloroethene	5.433	96	9728	4.643	ug/l	97
22) Diisopropyl ether	6.311	45	21757	4.093	ug/l	# 91
23) Vinyl Acetate	6.262	43	57113	19.693	ug/l	98
24) 1,1-Dichloroethane	6.226	63	18335	4.871	ug/l	99
25) 2-Butanone	7.171	43	11678	24.436	ug/l	94
26) 2,2-Dichloropropane	7.171	77	11942	5.246	ug/l	95
27) cis-1,2-Dichloroethene	7.177	96	10295	4.601	ug/l	98
28) Bromochloromethane	7.512	49	7873	5.269	ug/l	96
29) Tetrahydrofuran	7.537	42	6895	23.190	ug/l	96
30) Chloroform	7.677	83	19941	5.027	ug/l	97
31) Cyclohexane	7.957	56	17753	5.247	ug/l	# 79
32) 1,1,1-Trichloroethane	7.872	97	15588	4.856	ug/l	97
36) 1,1-Dichloropropene	8.085	75	13954	4.291	ug/l	98
37) Ethyl Acetate	7.256	43	5469	4.574	ug/l	97
38) Carbon Tetrachloride	8.067	117	15633	4.714	ug/l	98
39) Methylcyclohexane	9.335	83	14394	3.819	ug/l	94
40) Benzene	8.329	78	40526	4.524	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	2824m	4.267	ug/l	
42) 1,2-Dichloroethane	8.402	62	13080	4.755	ug/l	100
43) Isopropyl Acetate	8.427	43	9918	4.370	ug/l	99
44) Trichloroethene	9.097	130	10831	4.608	ug/l	94
45) 1,2-Dichloropropane	9.372	63	10070	4.623	ug/l	97
46) Dibromomethane	9.463	93	5842	4.754	ug/l	98
47) Bromodichloromethane	9.646	83	14024	4.580	ug/l	98
48) Methyl methacrylate	9.433	41	3981	4.010	ug/l	95
49) 1,4-Dioxane	9.451	88	1154	73.523	ug/l #	87
51) 4-Methyl-2-Pentanone	10.213	43	25576	21.735	ug/l	97
52) Toluene	10.390	92	23901	4.214	ug/l	99
53) t-1,3-Dichloropropene	10.609	75	12029	4.096	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	14232	4.162	ug/l	93
55) 1,1,2-Trichloroethane	10.786	97	8140	4.888	ug/l #	89
56) Ethyl methacrylate	10.652	69	6456	3.466	ug/l	94
57) 1,3-Dichloropropane	10.932	76	13075	4.576	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.926	63	17377	20.433	ug/l	99
59) 2-Hexanone	10.969	43	16185	20.582	ug/l	92
60) Dibromochloromethane	11.127	129	8723	4.524	ug/l	100
61) 1,2-Dibromoethane	11.237	107	7412	4.753	ug/l	94
64) Tetrachloroethene	10.865	164	9229	4.664	ug/l	96
65) Chlorobenzene	11.658	112	28794	4.698	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.731	131	10004	4.580	ug/l	100
67) Ethyl Benzene	11.731	91	43699	4.041	ug/l	97
68) m/p-Xylenes	11.841	106	33106	7.757	ug/l	98
69) o-Xylene	12.164	106	14528	3.715	ug/l	99
70) Styrene	12.182	104	23631	3.566	ug/l	98
71) Bromoform	12.347	173	4803	4.466	ug/l #	98
73) Isopropylbenzene	12.463	105	38680	3.578	ug/l	99
74) N-amyl acetate	12.274	43	8024	3.616	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.712	83	9546	4.808	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	7566m	5.330	ug/l	
77) Bromobenzene	12.749	156	10416	4.153	ug/l	99
78) n-propylbenzene	12.804	91	49467	3.633	ug/l	99
79) 2-Chlorotoluene	12.895	91	30380	3.834	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	34471	3.617	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.511	75	2189	3.733	ug/l	97
82) 4-Chlorotoluene	12.987	91	32622	3.916	ug/l	99
83) tert-Butylbenzene	13.206	119	28298	3.545	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	33430	3.582	ug/l	98
85) sec-Butylbenzene	13.383	105	45040	3.716	ug/l	99
86) p-Isopropyltoluene	13.499	119	36780	3.604	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	22861	4.299	ug/l	100
88) 1,4-Dichlorobenzene	13.578	146	24957	4.729	ug/l	96
89) n-Butylbenzene	13.822	91	35947	3.677	ug/l	99
90) Hexachloroethane	14.090	117	8338	4.275	ug/l	97
91) 1,2-Dichlorobenzene	13.871	146	20884	4.521	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.480	75	1521	4.669	ug/l	95
93) 1,2,4-Trichlorobenzene	15.127	180	11764	4.177	ug/l	98
94) Hexachlorobutadiene	15.236	225	7216	4.314	ug/l	93
95) Naphthalene	15.364	128	17135	3.517	ug/l	98
96) 1,2,3-Trichlorobenzene	15.553	180	10439	4.229	ug/l	98

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

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