

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052421\
 Data File : VW019063.D
 Acq On : 24 May 2021 12:24
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
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 5/25/2021 5:58:33 PM

Quant Time: May 24 13:17:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W052421S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 24 13:14:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.946	168	397612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	642602	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	582178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	290598	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	96405	23.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	46.38%	
35) Dibromofluoromethane	7.885	113	87231	23.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	47.62%	
50) Toluene-d8	10.323	98	351183	24.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	48.50%	
62) 4-Bromofluorobenzene	12.621	95	119908	23.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	46.02%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	56370	21.15	ug/l	94
3) Chloromethane	2.215	50	57539	19.58	ug/l	98
4) Vinyl Chloride	2.367	62	97139	22.06	ug/l	99
5) Bromomethane	2.776	94	79624	21.68	ug/l	94
6) Chloroethane	2.922	64	62579	20.76	ug/l	96
7) Trichlorofluoromethane	3.257	101	53348	21.80	ug/l	98
8) Diethyl Ether	3.684	74	43397	20.61	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.074	101	84505	21.53	ug/l	98
10) Methyl Iodide	4.282	142	117091	20.53	ug/l	98
11) Tert butyl alcohol	5.184	59	23847	99.05	ug/l	97
12) 1,1-Dichloroethene	4.044	96	86765	21.71	ug/l	88
13) Acrolein	3.897	56	31684	117.44	ug/l	96
14) Allyl chloride	4.666	41	114578	21.90	ug/l	99
15) Acrylonitrile	5.367	53	77770	98.35	ug/l	99
16) Acetone	4.129	43	73387	111.07	ug/l	100
17) Carbon Disulfide	4.385	76	235540	21.65	ug/l	100
18) Methyl Acetate	4.678	43	39470	20.63	ug/l	99
19) Methyl tert-butyl Ether	5.434	73	105050	20.88	ug/l	97
20) Methylene Chloride	4.922	84	107186	18.80	ug/l	96
21) trans-1,2-Dichloroethene	5.428	96	97915	21.45	ug/l	96
22) Diisopropyl ether	6.312	45	224227	21.11	ug/l	97
23) Vinyl Acetate	6.257	43	737345	103.40	ug/l	98
24) 1,1-Dichloroethane	6.214	63	176398	21.55	ug/l	98
25) 2-Butanone	7.171	43	107552	100.95	ug/l	99
26) 2,2-Dichloropropane	7.165	77	100222	22.46	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	105697	20.89	ug/l	96
28) Bromochloromethane	7.513	49	69494	21.15	ug/l	97
29) Tetrahydrofuran	7.537	42	62015	99.80	ug/l	98
30) Chloroform	7.677	83	176513	21.23	ug/l	96
31) Cyclohexane	7.958	56	150286	21.93	ug/l	96
32) 1,1,1-Trichloroethane	7.872	97	136401	21.98	ug/l	98
36) 1,1-Dichloropropene	8.086	75	146749	22.59	ug/l	98
37) Ethyl Acetate	7.257	43	52527	20.86	ug/l	97
38) Carbon Tetrachloride	8.067	117	127045	22.21	ug/l	95
39) Methylcyclohexane	9.336	83	161135	22.46	ug/l	100
40) Benzene	8.323	78	397922	22.00	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	29276	20.93	ug/l	91
42) 1,2-Dichloroethane	8.403	62	115750	21.59	ug/l	99
43) Isopropyl Acetate	8.427	43	99987	21.25	ug/l	98
44) Trichloroethene	9.092	130	101173	21.69	ug/l	95
45) 1,2-Dichloropropane	9.372	63	94797	21.63	ug/l	97
46) Dibromomethane	9.457	93	49371	20.80	ug/l	99
47) Bromodichloromethane	9.646	83	126714	21.43	ug/l	95
48) Methyl methacrylate	9.439	41	45017	20.82	ug/l	99
49) 1,4-Dioxane	9.464	88	11283	407.51	ug/l #	82
51) 4-Methyl-2-Pentanone	10.207	43	249260	102.43	ug/l	100
52) Toluene	10.390	92	250295	21.85	ug/l	99
53) t-1,3-Dichloropropene	10.610	75	125148	21.42	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	148638	21.36	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	69926	21.26	ug/l	99
56) Ethyl methacrylate	10.646	69	85661	20.67	ug/l	100
57) 1,3-Dichloropropane	10.933	76	123429	21.03	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	221380	104.21	ug/l	100
59) 2-Hexanone	10.969	43	168147	103.54	ug/l	100
60) Dibromochloromethane	11.128	129	76337	20.86	ug/l	98
61) 1,2-Dibromoethane	11.238	107	63944	20.26	ug/l	97
64) Tetrachloroethene	10.866	164	84426	22.05	ug/l	89
65) Chlorobenzene	11.658	112	257521	21.48	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	85256	20.82	ug/l	98
67) Ethyl Benzene	11.731	91	484270	21.80	ug/l	99
68) m/p-Xylenes	11.841	106	360958	43.42	ug/l	98
69) o-Xylene	12.164	106	168583	21.74	ug/l	98
70) Styrene	12.183	104	281728	21.34	ug/l	99
71) Bromoform	12.353	173	39968	19.59	ug/l #	99
73) Isopropylbenzene	12.463	105	472457	22.01	ug/l	98
74) N-amyl acetate	12.274	43	91662	20.57	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	80953	21.04	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	55284m	20.43	ug/l	
77) Bromobenzene	12.743	156	98976	20.99	ug/l	96
78) n-propylbenzene	12.804	91	581940	22.11	ug/l	100
79) 2-Chlorotoluene	12.890	91	325559	21.74	ug/l	98
80) 1,3,5-Trimethylbenzene	12.945	105	396975	21.72	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	22480	19.62	ug/l	95
82) 4-Chlorotoluene	12.987	91	342540	21.51	ug/l	100
83) tert-Butylbenzene	13.207	119	337986	21.88	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	392743	21.62	ug/l	100
85) sec-Butylbenzene	13.384	105	510355	22.30	ug/l	99
86) p-Isopropyltoluene	13.493	119	431574	21.80	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	208413	21.63	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	204872	21.42	ug/l	99
89) n-Butylbenzene	13.823	91	429337	22.02	ug/l	99
90) Hexachloroethane	14.091	117	66388	21.38	ug/l	96
91) 1,2-Dichlorobenzene	13.871	146	179584	21.00	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.487	75	11703	18.97	ug/l	98
93) 1,2,4-Trichlorobenzene	15.127	180	119539	20.73	ug/l	97
94) Hexachlorobutadiene	15.231	225	69360	20.98	ug/l	97
95) Naphthalene	15.365	128	219280	20.99	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	106408	21.39	ug/l	99

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

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