

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052421\
 Data File : VW019066.D
 Acq On : 24 May 2021 13:36
 Operator : SY/VA
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 5/25/2021 5:58:39 PM

Quant Time: May 24 13:57:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W052421S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 24 13:42:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	414122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	688322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.633	117	629896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	309967	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	723154	167.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	334.04%	
35) Dibromofluoromethane	7.884	113	642932	163.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	327.64%	
50) Toluene-d8	10.323	98	2685358	173.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	346.16%	
62) 4-Bromofluorobenzene	12.615	95	974599	174.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	349.16%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	398342	143.52	ug/l	95
3) Chloromethane	2.214	50	473278	154.61	ug/l	100
4) Vinyl Chloride	2.367	62	688431	150.14	ug/l	100
5) Bromomethane	2.775	94	527818	137.99	ug/l	95
6) Chloroethane	2.922	64	472783	150.61	ug/l	99
7) Trichlorofluoromethane	3.263	101	427267	167.64	ug/l	98
8) Diethyl Ether	3.684	74	319862	145.87	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.074	101	596019	145.82	ug/l	100
10) Methyl Iodide	4.281	142	872363	146.87	ug/l	100
11) Tert butyl alcohol	5.196	59	168663	672.61	ug/l	98
12) 1,1-Dichloroethene	4.043	96	635309	152.60	ug/l	93
13) Acrolein	3.897	56	196789	700.31	ug/l	98
14) Allyl chloride	4.665	41	853823	156.67	ug/l	97
15) Acrylonitrile	5.366	53	589075	715.27	ug/l	100
16) Acetone	4.129	43	497387	722.74	ug/l	97
17) Carbon Disulfide	4.391	76	1736281	153.20	ug/l	98
18) Methyl Acetate	4.671	43	282431	141.72	ug/l	99
19) Methyl tert-butyl Ether	5.427	73	757078	144.45	ug/l	99
20) Methylene Chloride	4.921	84	657004	110.66	ug/l	95
21) trans-1,2-Dichloroethene	5.421	96	703105	147.91	ug/l	96
22) Diisopropyl ether	6.311	45	1659809	150.06	ug/l	99
23) Vinyl Acetate	6.256	43	5748179	773.96	ug/l	100
24) 1,1-Dichloroethane	6.214	63	1259549	147.77	ug/l	100
25) 2-Butanone	7.171	43	812582	732.33	ug/l	99
26) 2,2-Dichloropropane	7.171	77	695363	149.61	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	779071	147.81	ug/l	99
28) Bromochloromethane	7.518	49	519744	151.91	ug/l	99
29) Tetrahydrofuran	7.531	42	470415	726.86	ug/l	98
30) Chloroform	7.677	83	1273137	147.03	ug/l	98
31) Cyclohexane	7.957	56	976346	136.79	ug/l	96
32) 1,1,1-Trichloroethane	7.872	97	973010	150.53	ug/l	99
36) 1,1-Dichloropropene	8.085	75	1018240	146.32	ug/l	99
37) Ethyl Acetate	7.250	43	374797	138.96	ug/l	99
38) Carbon Tetrachloride	8.067	117	933635	152.39	ug/l	95
39) Methylcyclohexane	9.335	83	1157594	150.66	ug/l	98
40) Benzene	8.323	78	2754824	142.18	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	233520	155.84	ug/l	90
42) 1,2-Dichloroethane	8.402	62	826562	143.94	ug/l	99
43) Isopropyl Acetate	8.427	43	764978	151.76	ug/l	99
44) Trichloroethene	9.091	130	754977	151.07	ug/l	99
45) 1,2-Dichloropropane	9.372	63	677237	144.26	ug/l	96
46) Dibromomethane	9.457	93	363102	142.79	ug/l	99
47) Bromodichloromethane	9.646	83	958137	151.26	ug/l	97
48) Methyl methacrylate	9.439	41	363255	156.86	ug/l	96
49) 1,4-Dioxane	9.463	88	85570	2885.28	ug/l #	83
51) 4-Methyl-2-Pentanone	10.213	43	1896542	727.59	ug/l	99
52) Toluene	10.390	92	1829113	149.10	ug/l	100
53) t-1,3-Dichloropropene	10.609	75	995587	159.12	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	1136792	152.52	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	511214	145.08	ug/l	96
56) Ethyl methacrylate	10.646	69	701653	158.09	ug/l	99
57) 1,3-Dichloropropane	10.932	76	904069	143.79	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.926	63	1658673	728.89	ug/l	98
59) 2-Hexanone	10.969	43	1298153	746.28	ug/l	99
60) Dibromochloromethane	11.127	129	625659	159.62	ug/l	100
61) 1,2-Dibromoethane	11.237	107	494558	146.29	ug/l	99
64) Tetrachloroethene	10.859	164	607926	146.75	ug/l	93
65) Chlorobenzene	11.658	112	1909170	147.16	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	670490	151.31	ug/l	98
67) Ethyl Benzene	11.731	91	3591939	149.45	ug/l	100
68) m/p-Xylenes	11.841	106	2657352	295.43	ug/l	99
69) o-Xylene	12.164	106	1298798	154.80	ug/l	98
70) Styrene	12.182	104	2161847	151.33	ug/l	98
71) Bromoform	12.353	173	353081	159.97	ug/l #	100
73) Isopropylbenzene	12.463	105	3507997	153.24	ug/l	99
74) N-amyl acetate	12.274	43	771317	162.24	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	590101	143.78	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	398974m	138.21	ug/l	
77) Bromobenzene	12.749	156	764193	151.97	ug/l	99
78) n-propylbenzene	12.804	91	4195751	149.42	ug/l	99
79) 2-Chlorotoluene	12.889	91	2430465	152.15	ug/l	100
80) 1,3,5-Trimethylbenzene	12.944	105	2954365	151.57	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.511	75	204464	167.30	ug/l	97
82) 4-Chlorotoluene	12.987	91	2558196	150.61	ug/l	99
83) tert-Butylbenzene	13.206	119	2520124	152.93	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	2941168	151.79	ug/l	99
85) sec-Butylbenzene	13.383	105	3732840	152.92	ug/l	100
86) p-Isopropyltoluene	13.499	119	3226760	152.78	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	1484724	144.49	ug/l	97
88) 1,4-Dichlorobenzene	13.578	146	1529574	149.92	ug/l	97
89) n-Butylbenzene	13.822	91	3173407	152.61	ug/l	98
90) Hexachloroethane	14.090	117	533930	161.22	ug/l	100
91) 1,2-Dichlorobenzene	13.871	146	1359388	149.01	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	97433	148.08	ug/l	99
93) 1,2,4-Trichlorobenzene	15.133	180	913337	148.48	ug/l	98
94) Hexachlorobutadiene	15.230	225	507276	143.86	ug/l	93
95) Naphthalene	15.365	128	1682292	150.97	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	795955	150.02	ug/l	99

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

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