

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081420\
 Data File : VW016187.D
 Acq On : 14 Aug 2020 11:48
 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
 8/17/2020 5:46:31 PM

Quant Time: Aug 14 12:21:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 14 11:36:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	256305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	412656	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	370647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	170355	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	364786	137.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	274.22%	
35) Dibromofluoromethane	7.89	113	376729	152.28	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	304.56%	
50) Toluene-d8	10.32	98	1498878	157.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	314.90%	
62) 4-Bromofluorobenzene	12.62	95	525496	152.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	304.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	257850	186.598	ug/l	94
3) Chloromethane	2.21	50	275075	150.345	ug/l	96
4) Vinyl Chloride	2.37	62	362304	130.506	ug/l	98
5) Bromomethane	2.78	94	223132	107.203	ug/l	97
6) Chloroethane	2.92	64	209823	114.518	ug/l	99
7) Trichlorofluoromethane	3.26	101	311865	154.954	ug/l	99
8) Diethyl Ether	3.68	74	196259	153.923	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	387287	160.399	ug/l	99
10) Methyl Iodide	4.26	142	583658	172.027	ug/l	99
11) Tert butyl alcohol	5.23	59	96809	667.041	ug/l	99
12) 1,1-Dichloroethene	4.03	96	407220	170.240	ug/l	94
13) Acrolein	3.90	56	139251	758.128	ug/l	99
14) Allyl chloride	4.67	41	577132	153.533	ug/l	99
15) Acrylonitrile	5.38	53	382753	772.120	ug/l	99
16) Acetone	4.14	43	370872	753.841	ug/l	100
17) Carbon Disulfide	4.38	76	1192398	168.166	ug/l	99
18) Methyl Acetate	4.68	43	165340	147.411	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	516884	148.251	ug/l	99
20) Methylene Chloride	4.92	84	412875	141.529	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	434490	158.061	ug/l	97
22) Diisopropyl ether	6.32	45	1043429	138.704	ug/l	99
23) Vinyl Acetate	6.26	43	3160213	706.710	ug/l	99
24) 1,1-Dichloroethane	6.22	63	705937	146.385	ug/l	99
25) 2-Butanone	7.18	43	493529	742.350	ug/l	98
26) 2,2-Dichloropropane	7.17	77	423846	139.836	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	469804	160.893	ug/l	98
28) Bromochloromethane	7.51	49	274205	141.228	ug/l	99
29) Tetrahydrofuran	7.54	42	296474	734.451	ug/l	99
30) Chloroform	7.68	83	720742	145.848	ug/l	99
31) Cyclohexane	7.96	56	624264	137.185	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	606881	146.435	ug/l	99
36) 1,1-Dichloropropene	8.09	75	588965	146.132	ug/l	99
37) Ethyl Acetate	7.26	43	210476	134.758	ug/l	99
38) Carbon Tetrachloride	8.07	117	581564	148.408	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	754020	157.870	ug/l	99
40) Benzene	8.33	78	1653614	149.059	ug/l	100
41) Methacrylonitrile	7.49	41	132923	150.096	ug/l	97
42) 1,2-Dichloroethane	8.40	62	438511	129.892	ug/l	99
43) Isopropyl Acetate	8.43	43	415253	137.730	ug/l	100
44) Trichloroethene	9.10	130	459093	155.271	ug/l	97
45) 1,2-Dichloropropane	9.37	63	394560	145.382	ug/l	100
46) Dibromomethane	9.46	93	208980	148.653	ug/l	99
47) Bromodichloromethane	9.65	83	543427	150.336	ug/l	96
48) Methyl methacrylate	9.44	41	199497	144.797	ug/l	98
49) 1,4-Dioxane	9.48	88	57725	3276.211	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	1030896	697.883	ug/l	99
52) Toluene	10.39	92	1061194	148.383	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	544849	157.542	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	655531	157.417	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	299422	153.480	ug/l	99
56) Ethyl methacrylate	10.65	69	385147	160.610	ug/l	97
57) 1,3-Dichloropropane	10.93	76	512621	148.624	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	846147	730.501	ug/l	99
59) 2-Hexanone	10.97	43	725881	734.444	ug/l	98
60) Dibromochloromethane	11.13	129	368136	162.016	ug/l	100
61) 1,2-Dibromoethane	11.24	107	293196	155.547	ug/l	99
64) Tetrachloroethene	10.87	164	357523	152.614	ug/l	90
65) Chlorobenzene	11.66	112	1120806	155.208	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	398070	155.898	ug/l	99
67) Ethyl Benzene	11.73	91	2067279	154.579	ug/l	100
68) m/p-Xylenes	11.84	106	1575998	313.713	ug/l	98
69) o-Xylene	12.17	106	725062	158.401	ug/l	99
70) Styrene	12.18	104	1236388	156.830	ug/l	99
71) Bromoform	12.35	173	182578	157.056	ug/l #	98
73) Isopropylbenzene	12.47	105	1979894	163.717	ug/l	99
74) N-amyl acetate	12.27	43	378411	149.445	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	320651	158.444	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	226909m	150.458	ug/l	
77) Bromobenzene	12.75	156	427508	158.045	ug/l	98
78) n-propylbenzene	12.80	91	2318461	158.515	ug/l	99
79) 2-Chlorotoluene	12.90	91	1341449	160.617	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1666511	161.351	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	109144	182.253	ug/l	96
82) 4-Chlorotoluene	12.99	91	1382755	158.278	ug/l	100
83) tert-Butylbenzene	13.21	119	1405811	164.287	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1654303	160.420	ug/l	98
85) sec-Butylbenzene	13.38	105	1984557	160.466	ug/l	100
86) p-Isopropyltoluene	13.50	119	1791452	158.617	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	831808	153.112	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	809732	152.552	ug/l	98
89) n-Butylbenzene	13.82	91	1681766	156.882	ug/l	99
90) Hexachloroethane	14.10	117	344837	169.067	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	727402	155.448	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	53579	166.310	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	489944	166.479	ug/l	96
94) Hexachlorobutadiene	15.24	225	271230	147.736	ug/l	97
95) Naphthalene	15.36	128	986477	195.152	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	411719	162.476	ug/l	98

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

