

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081420\
 Data File : VW016183.D
 Acq On : 14 Aug 2020 10:14
 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
 8/17/2020 5:46:25 PM

Quant Time: Aug 14 11:47:33 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	264897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	427970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	399957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	193165	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	24632	8.96	ug/l	0.00
Spiked Amount			Recovery	=	17.92%	
35) Dibromofluoromethane	7.89	113	25170	9.81	ug/l	0.00
Spiked Amount			Recovery	=	19.62%	
50) Toluene-d8	10.32	98	96031	9.73	ug/l	0.00
Spiked Amount			Recovery	=	19.46%	
62) 4-Bromofluorobenzene	12.62	95	34902	9.75	ug/l	0.00
Spiked Amount			Recovery	=	19.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	19235	13.468	ug/l	97
3) Chloromethane	2.21	50	19362	10.239	ug/l	94
4) Vinyl Chloride	2.36	62	28674	9.994	ug/l	98
5) Bromomethane	2.78	94	17865	8.305	ug/l	97
6) Chloroethane	2.93	64	15764	8.325	ug/l	96
7) Trichlorofluoromethane	3.26	101	21989	10.571	ug/l	99
8) Diethyl Ether	3.68	74	13630	10.343	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	30353	12.163	ug/l	99
10) Methyl Iodide	4.27	142	41395	11.805	ug/l	96
11) Tert butyl alcohol	5.23	59	6254	41.694	ug/l	97
12) 1,1-Dichloroethene	4.03	96	30061	12.160	ug/l	97
13) Acrolein	3.90	56	10179	53.620	ug/l	98
14) Allyl chloride	4.67	41	38059	9.796	ug/l	97
15) Acrylonitrile	5.38	53	23985	46.815	ug/l	97
16) Acetone	4.15	43	23061	45.354	ug/l	99
17) Carbon Disulfide	4.37	76	87495	11.939	ug/l	99
18) Methyl Acetate	4.68	43	10807	9.323	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	34518	9.579	ug/l	100
20) Methylene Chloride	4.92	84	42837	14.208	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	32224	11.342	ug/l	98
22) Diisopropyl ether	6.32	45	74461	9.577	ug/l	94
23) Vinyl Acetate	6.26	43	198343	42.916	ug/l	99
24) 1,1-Dichloroethane	6.22	63	52440	10.521	ug/l	97
25) 2-Butanone	7.18	43	31228	45.449	ug/l	98
26) 2,2-Dichloropropane	7.17	77	34961	11.160	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	32353	10.721	ug/l	96
28) Bromochloromethane	7.52	49	19100	9.518	ug/l	99
29) Tetrahydrofuran	7.54	42	18946	45.412	ug/l	96
30) Chloroform	7.68	83	55367	10.841	ug/l	99
31) Cyclohexane	7.96	56	49187	10.458	ug/l	# 93
32) 1,1,1-Trichloroethane	7.88	97	46103	10.763	ug/l	97
36) 1,1-Dichloropropene	8.09	75	44823	10.723	ug/l	99
37) Ethyl Acetate	7.26	43	13581	8.384	ug/l	99
38) Carbon Tetrachloride	8.07	117	44477	10.944	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	50692	10.234	ug/l	98
40) Benzene	8.33	78	124611	10.831	ug/l	98
41) Methacrylonitrile	7.49	41	6609	7.196	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	32316	9.230	ug/l	100
43) Isopropyl Acetate	8.43	43	26171	8.370	ug/l	99
44) Trichloroethene	9.09	130	35785	11.670	ug/l	97
45) 1,2-Dichloropropane	9.37	63	29020	10.310	ug/l	98
46) Dibromomethane	9.46	93	15176	10.409	ug/l	99
47) Bromodichloromethane	9.65	83	38738	10.333	ug/l	92
48) Methyl methacrylate	9.44	41	12137	8.494	ug/l	98
49) 1,4-Dioxane	9.48	88	3067	167.840	ug/l #	82
51) 4-Methyl-2-Pentanone	10.21	43	67147	43.830	ug/l	100
52) Toluene	10.39	92	79384	10.703	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	33960	9.468	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	42637	9.872	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	21101	10.429	ug/l	91
56) Ethyl methacrylate	10.65	69	22230	8.938	ug/l	98
57) 1,3-Dichloropropane	10.94	76	35912	10.039	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	49996	41.618	ug/l	98
59) 2-Hexanone	10.97	43	44544	43.457	ug/l	95
60) Dibromochloromethane	11.13	129	24709	10.485	ug/l	98
61) 1,2-Dibromoethane	11.24	107	20659	10.568	ug/l	99
64) Tetrachloroethene	10.87	164	26912	10.646	ug/l	95
65) Chlorobenzene	11.66	112	84236	10.810	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	28759	10.438	ug/l	98
67) Ethyl Benzene	11.73	91	146894	10.179	ug/l	100
68) m/p-Xylenes	11.84	106	115215	21.254	ug/l	99
69) o-Xylene	12.17	106	49217	9.964	ug/l	98
70) Styrene	12.18	104	87233	10.254	ug/l	100
71) Bromoform	12.35	173	12589	10.036	ug/l #	98
73) Isopropylbenzene	12.47	105	141782	10.339	ug/l	98
74) N-amyl acetate	12.27	43	24036	8.372	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	24275	10.579	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	17682m	10.340	ug/l	
77) Bromobenzene	12.75	156	31972	10.424	ug/l	98
78) n-propylbenzene	12.80	91	173325	10.451	ug/l	100
79) 2-Chlorotoluene	12.90	91	98767	10.429	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	122998	10.502	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	6566	9.669	ug/l	96
82) 4-Chlorotoluene	12.99	91	104548	10.554	ug/l	100
83) tert-Butylbenzene	13.21	119	99728	10.278	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	122579	10.483	ug/l	99
85) sec-Butylbenzene	13.38	105	147423	10.513	ug/l	100
86) p-Isopropyltoluene	13.50	119	134428	10.497	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	65019	10.555	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	65191	10.832	ug/l	98
89) n-Butylbenzene	13.83	91	122066	10.042	ug/l	99
90) Hexachloroethane	14.10	117	25114	10.859	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	57518	10.840	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3497	9.573	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	31363	9.398	ug/l	99
94) Hexachlorobutadiene	15.24	225	20349	9.775	ug/l	96
95) Naphthalene	15.37	128	50010	8.725	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	27112	9.436	ug/l	99

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

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