

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082219\
 Data File : VW012098.D
 Acq On : 22 Aug 2019 09:31
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/23/2019 10:54:47 AM

Quant Time: Aug 23 08:08:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	240518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	381967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162259	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	140528	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
35) Dibromofluoromethane	7.88	113	115122	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
50) Toluene-d8	10.32	98	468404	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
62) 4-Bromofluorobenzene	12.62	95	165138	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	67785	50.569	ug/l	92
3) Chloromethane	2.21	50	106491	45.815	ug/l	99
4) Vinyl Chloride	2.36	62	139045	49.688	ug/l	100
5) Bromomethane	2.77	94	74228	47.922	ug/l	99
6) Chloroethane	2.92	64	82988	51.917	ug/l	100
7) Trichlorofluoromethane	3.25	101	73686	58.919	ug/l	98
8) Diethyl Ether	3.68	74	71301	50.284	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	127869	53.899	ug/l	99
10) Methyl Iodide	4.27	142	169979	50.700	ug/l	99
11) Tert butyl alcohol	5.17	59	48296	235.950	ug/l	99
12) 1,1-Dichloroethene	4.04	96	128102	51.141	ug/l	98
13) Acrolein	3.89	56	42071	212.299	ug/l	100
14) Allyl chloride	4.67	41	276386	51.878	ug/l	99
15) Acrylonitrile	5.36	53	181247	256.058	ug/l	99
16) Acetone	4.12	43	222776	253.579	ug/l	100
17) Carbon Disulfide	4.38	76	365652	46.640	ug/l	100
18) Methyl Acetate	4.67	43	97186	49.243	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	211648	53.245	ug/l	95
20) Methylene Chloride	4.92	84	139319	45.982	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	136579	50.574	ug/l	98
22) Diisopropyl ether	6.31	45	521031	51.872	ug/l	98
23) Vinyl Acetate	6.25	43	1642376	260.216	ug/l	99
24) 1,1-Dichloroethane	6.21	63	278885	51.842	ug/l	99
25) 2-Butanone	7.17	43	286883	249.555	ug/l	99
26) 2,2-Dichloropropane	7.17	77	158997	48.059	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	148596	49.995	ug/l	100
28) Bromochloromethane	7.51	49	119315	49.969	ug/l	99
29) Tetrahydrofuran	7.52	42	169309	257.657	ug/l	99
30) Chloroform	7.67	83	252218	50.819	ug/l	97
31) Cyclohexane	7.95	56	255902	49.556	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	201617	53.342	ug/l	99
36) 1,1-Dichloropropene	8.08	75	212624	53.534	ug/l	99
37) Ethyl Acetate	7.25	43	118422	51.824	ug/l	99
38) Carbon Tetrachloride	8.07	117	184378	54.227	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	238364	54.503	ug/l	98
40) Benzene	8.32	78	574807	51.667	ug/l	100
41) Methacrylonitrile	7.48	41	72258	52.900	ug/l	95
42) 1,2-Dichloroethane	8.40	62	180176	51.728	ug/l	99
43) Isopropyl Acetate	8.42	43	224314	53.378	ug/l	99
44) Trichloroethene	9.09	130	140183	52.426	ug/l	98
45) 1,2-Dichloropropane	9.37	63	155755	52.324	ug/l	100
46) Dibromomethane	9.46	93	70668	52.014	ug/l	99
47) Bromodichloromethane	9.65	83	188310	52.839	ug/l	100
48) Methyl methacrylate	9.43	41	107251	53.129	ug/l	100
49) 1,4-Dioxane	9.45	88	22677	1152.752	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	582622	266.540	ug/l	100
52) Toluene	10.39	92	352782	52.510	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	195891	52.619	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	235619	53.230	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	101184	52.490	ug/l	98
56) Ethyl methacrylate	10.65	69	151040	53.545	ug/l	99
57) 1,3-Dichloropropane	10.93	76	189150	51.865	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	390194	304.656	ug/l	99
59) 2-Hexanone	10.97	43	430709	279.071	ug/l	100
60) Dibromochloromethane	11.13	129	115398	53.930	ug/l	99
61) 1,2-Dibromoethane	11.23	107	93333	51.163	ug/l	100
64) Tetrachloroethene	10.86	164	114115	52.890	ug/l	97
65) Chlorobenzene	11.66	112	352217	52.869	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	125390	54.034	ug/l	100
67) Ethyl Benzene	11.73	91	686921	54.138	ug/l	99
68) m/p-Xylenes	11.84	106	497389	107.792	ug/l	100
69) o-Xylene	12.16	106	230893	53.847	ug/l	99
70) Styrene	12.18	104	402048	54.229	ug/l	100
71) Bromoform	12.35	173	64071	54.152	ug/l #	99
73) Isopropylbenzene	12.46	105	652583	53.911	ug/l	100
74) N-amyl acetate	12.27	43	203999	53.829	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	118454	52.024	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	81744m	47.612	ug/l	
77) Bromobenzene	12.75	156	140510	52.516	ug/l	100
78) n-propylbenzene	12.80	91	803280	54.527	ug/l	100
79) 2-Chlorotoluene	12.89	91	445625	52.507	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	547013	53.909	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	40310	54.110	ug/l	97
82) 4-Chlorotoluene	12.99	91	470782	52.870	ug/l	100
83) tert-Butylbenzene	13.21	119	470577	55.458	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	545227	53.341	ug/l	99
85) sec-Butylbenzene	13.38	105	667513	55.132	ug/l	100
86) p-Isopropyltoluene	13.50	119	597603	54.400	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	275471	52.509	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	272116	52.142	ug/l	99
89) n-Butylbenzene	13.82	91	608808	55.535	ug/l	99
90) Hexachloroethane	14.09	117	105640	54.383	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	241174	51.977	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20128	51.840	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	178785	54.672	ug/l	99
94) Hexachlorobutadiene	15.24	225	113746	55.777	ug/l	98
95) Naphthalene	15.36	128	324456	50.624	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	155183	54.138	ug/l	100

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

