

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\
 Data File : VW012318.D
 Acq On : 29 Aug 2019 22:04
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/30/2019 11:41:34 AM

Quant Time: Aug 30 08:28:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	219974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	359090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	307336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	146411	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	136084	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
35) Dibromofluoromethane	7.88	113	110671	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
50) Toluene-d8	10.32	98	443991	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.62	95	158688	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	74933	55.323	ug/l	98
3) Chloromethane	2.21	50	116952	55.733	ug/l	99
4) Vinyl Chloride	2.36	62	142411	55.447	ug/l	100
5) Bromomethane	2.78	94	73700	56.659	ug/l	98
6) Chloroethane	2.92	64	82154	56.701	ug/l	99
7) Trichlorofluoromethane	3.26	101	73977	57.361	ug/l	99
8) Diethyl Ether	3.68	74	71549	58.448	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	122324	55.800	ug/l	98
10) Methyl Iodide	4.27	142	173596	58.527	ug/l	99
11) Tert butyl alcohol	5.19	59	46347	294.516	ug/l #	84
12) 1,1-Dichloroethene	4.04	96	125096	56.696	ug/l	93
13) Acrolein	3.89	56	34208	230.929	ug/l	99
14) Allyl chloride	4.67	41	276248	58.564	ug/l	99
15) Acrylonitrile	5.37	53	179960	296.590	ug/l	99
16) Acetone	4.13	43	152950	228.817	ug/l	98
17) Carbon Disulfide	4.39	76	369255	55.375	ug/l	99
18) Methyl Acetate	4.67	43	95016	57.391	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	217217	60.876	ug/l	98
20) Methylene Chloride	4.92	84	141078	55.829	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	134087	56.671	ug/l	98
22) Diisopropyl ether	6.31	45	518453	59.296	ug/l	99
23) Vinyl Acetate	6.25	43	1621728	301.387	ug/l	100
24) 1,1-Dichloroethane	6.21	63	273139	57.374	ug/l	99
25) 2-Butanone	7.17	43	246801	271.709	ug/l	100
26) 2,2-Dichloropropane	7.17	77	146916	54.522	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	148076	58.576	ug/l	99
28) Bromochloromethane	7.51	49	106636	51.392	ug/l	99
29) Tetrahydrofuran	7.52	42	163285	299.628	ug/l	99
30) Chloroform	7.67	83	247368	56.794	ug/l	100
31) Cyclohexane	7.95	56	243218	51.638	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	194832	56.546	ug/l	99
36) 1,1-Dichloropropene	8.08	75	204183	55.024	ug/l	100
37) Ethyl Acetate	7.25	43	116686	57.383	ug/l	99
38) Carbon Tetrachloride	8.07	117	173721	54.089	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	225831	54.172	ug/l	99
40) Benzene	8.32	78	564770	55.738	ug/l	100
41) Methacrylonitrile	7.48	41	77763	65.067	ug/l	92
42) 1,2-Dichloroethane	8.40	62	179270	56.452	ug/l	100
43) Isopropyl Acetate	8.42	43	221338	58.763	ug/l	99
44) Trichloroethene	9.09	130	137231	55.713	ug/l	97
45) 1,2-Dichloropropane	9.37	63	153042	56.122	ug/l	97
46) Dibromomethane	9.46	93	68719	56.638	ug/l	98
47) Bromodichloromethane	9.64	83	183148	56.717	ug/l	99
48) Methyl methacrylate	9.43	41	105273	58.723	ug/l	97
49) 1,4-Dioxane	9.46	88	20382	1097.316	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	560439	292.535	ug/l	100
52) Toluene	10.38	92	344649	56.620	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	187353	56.959	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	227071	57.173	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	98362	57.298	ug/l	98
56) Ethyl methacrylate	10.65	69	150238	60.132	ug/l	98
57) 1,3-Dichloropropane	10.93	76	187079	57.668	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	347775	271.218	ug/l	100
59) 2-Hexanone	10.97	43	376388	277.663	ug/l	99
60) Dibromochloromethane	11.13	129	110566	57.825	ug/l	100
61) 1,2-Dibromoethane	11.23	107	92033	57.546	ug/l	99
64) Tetrachloroethene	10.86	164	114446	57.437	ug/l	99
65) Chlorobenzene	11.66	112	340860	56.325	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	120946	57.288	ug/l	98
67) Ethyl Benzene	11.73	91	667892	57.292	ug/l	99
68) m/p-Xylenes	11.84	106	482179	114.826	ug/l	99
69) o-Xylene	12.16	106	224301	57.713	ug/l	100
70) Styrene	12.18	104	393555	58.503	ug/l	100
71) Bromoform	12.35	173	62184	59.118	ug/l #	100
73) Isopropylbenzene	12.46	105	629995	57.425	ug/l	99
74) N-amyl acetate	12.27	43	201704	60.854	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	115433	57.393	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	78443m	55.011	ug/l	
77) Bromobenzene	12.74	156	137808	58.063	ug/l	98
78) n-propylbenzene	12.80	91	763185	56.983	ug/l	99
79) 2-Chlorotoluene	12.89	91	435974	57.336	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	533547	58.202	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	39224	60.311	ug/l	96
82) 4-Chlorotoluene	12.99	91	452128	56.787	ug/l	99
83) tert-Butylbenzene	13.21	119	452349	58.252	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	524731	56.982	ug/l	100
85) sec-Butylbenzene	13.38	105	633432	56.936	ug/l	100
86) p-Isopropyltoluene	13.50	119	576368	58.011	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	266278	57.359	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	263900	57.252	ug/l	99
89) n-Butylbenzene	13.82	91	566108	57.297	ug/l	99
90) Hexachloroethane	14.09	117	100602	57.713	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	235729	57.883	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19307	56.941	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	174059	61.847	ug/l	98
94) Hexachlorobutadiene	15.24	225	108611	58.446	ug/l	98
95) Naphthalene	15.36	128	328494	58.663	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	151685	61.775	ug/l	99

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

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