

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
 Data File : VW011028.D
 Acq On : 27 Jun 2019 20:25
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/28/2019 10:25:22 AM

Quant Time: Jun 28 08:49:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	219694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	367968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	160910	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	148897	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
35) Dibromofluoromethane	7.88	113	116299	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
50) Toluene-d8	10.32	98	473820	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
62) 4-Bromofluorobenzene	12.62	95	172323	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	74163	44.780	ug/l	100
3) Chloromethane	2.21	50	104769	47.189	ug/l	99
4) Vinyl Chloride	2.36	62	135398	46.838	ug/l	99
5) Bromomethane	2.77	94	71385	49.611	ug/l	98
6) Chloroethane	2.92	64	76338	50.088	ug/l	100
7) Trichlorofluoromethane	3.25	101	40073	47.173	ug/l	93
8) Diethyl Ether	3.67	74	72899	54.185	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	116096	48.593	ug/l	99
10) Methyl Iodide	4.27	142	170474	50.999	ug/l	99
11) Tert butyl alcohol	5.17	59	50900	244.023	ug/l	99
12) 1,1-Dichloroethene	4.04	96	121353	48.798	ug/l	98
13) Acrolein	3.89	56	36240	222.800	ug/l	97
14) Allyl chloride	4.66	41	201620	50.373	ug/l	100
15) Acrylonitrile	5.36	53	176945	267.082	ug/l	100
16) Acetone	4.12	43	183831	262.228	ug/l	100
17) Carbon Disulfide	4.38	76	356152	50.481	ug/l	100
18) Methyl Acetate	4.67	43	88436	48.700	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	190909	54.238	ug/l	97
20) Methylene Chloride	4.92	84	138311	48.559	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	130310	50.851	ug/l	100
22) Diisopropyl ether	6.31	45	513058	53.267	ug/l	98
23) Vinyl Acetate	6.24	43	1642289	276.723	ug/l	99
24) 1,1-Dichloroethane	6.21	63	263116	51.752	ug/l	99
25) 2-Butanone	7.17	43	283372	265.927	ug/l	99
26) 2,2-Dichloropropane	7.16	77	118362	44.839	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	143638	52.058	ug/l	98
28) Bromochloromethane	7.51	49	113011	47.748	ug/l	100
29) Tetrahydrofuran	7.52	42	177445	267.500	ug/l	99
30) Chloroform	7.67	83	237491	51.417	ug/l	99
31) Cyclohexane	7.95	56	261359	47.575	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	176742	51.207	ug/l	99
36) 1,1-Dichloropropene	8.08	75	194672	49.222	ug/l	100
37) Ethyl Acetate	7.25	43	120745	52.480	ug/l	98
38) Carbon Tetrachloride	8.07	117	164197	50.413	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	244561	50.246	ug/l	99
40) Benzene	8.32	78	550110	50.571	ug/l	100
41) Methacrylonitrile	7.48	41	67816	48.446	ug/l	91
42) 1,2-Dichloroethane	8.40	62	183069	51.328	ug/l	99
43) Isopropyl Acetate	8.42	43	234056	53.775	ug/l	99
44) Trichloroethene	9.09	130	130616	49.684	ug/l	99
45) 1,2-Dichloropropane	9.37	63	150177	50.838	ug/l	99
46) Dibromomethane	9.46	93	71663	51.872	ug/l	100
47) Bromodichloromethane	9.64	83	181569	53.083	ug/l	99
48) Methyl methacrylate	9.43	41	112562	53.337	ug/l	99
49) 1,4-Dioxane	9.44	88	24726	1064.451	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	613142	267.617	ug/l	100
52) Toluene	10.38	92	340273	51.093	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	191780	53.829	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	226007	53.178	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	101945	52.230	ug/l	98
56) Ethyl methacrylate	10.65	69	161152	55.136	ug/l	98
57) 1,3-Dichloropropane	10.93	76	193639	52.154	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	375702	254.050	ug/l	99
59) 2-Hexanone	10.97	43	433290	271.187	ug/l	99
60) Dibromochloromethane	11.13	129	110738	54.103	ug/l	98
61) 1,2-Dibromoethane	11.23	107	96138	52.614	ug/l	99
64) Tetrachloroethene	10.86	164	118388	51.837	ug/l	97
65) Chlorobenzene	11.66	112	341578	50.281	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	121502	52.678	ug/l	98
67) Ethyl Benzene	11.73	91	655590	50.386	ug/l	100
68) m/p-Xylenes	11.84	106	474044	100.405	ug/l	99
69) o-Xylene	12.16	106	224184	50.979	ug/l	100
70) Styrene	12.18	104	395384	51.740	ug/l	99
71) Bromoform	12.35	173	60884	54.147	ug/l #	98
73) Isopropylbenzene	12.46	105	613573	50.900	ug/l	100
74) N-amyl acetate	12.27	43	222383	54.932	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	123777	52.289	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	84675m	49.844	ug/l	
77) Bromobenzene	12.75	156	136955	51.689	ug/l	99
78) n-propylbenzene	12.80	91	759528	50.881	ug/l	99
79) 2-Chlorotoluene	12.89	91	430997	50.538	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	525638	51.447	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	38335	48.177	ug/l	99
82) 4-Chlorotoluene	12.99	91	452103	50.870	ug/l	100
83) tert-Butylbenzene	13.21	119	438946	51.520	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	529739	51.296	ug/l	99
85) sec-Butylbenzene	13.38	105	627744	50.719	ug/l	99
86) p-Isopropyltoluene	13.50	119	567458	50.949	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	266334	50.816	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	264874	50.626	ug/l	98
89) n-Butylbenzene	13.82	91	578315	51.085	ug/l	100
90) Hexachloroethane	14.10	117	99676	52.304	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	239454	50.868	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21570	53.617	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	172174	51.985	ug/l	100
94) Hexachlorobutadiene	15.24	225	101474	50.515	ug/l	100
95) Naphthalene	15.37	128	344554	55.383	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	153924	52.048	ug/l	100

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

