

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082619\
 Data File : VW012172.D
 Acq On : 26 Aug 2019 15:05
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/27/2019 11:04:14 AM

Quant Time: Aug 27 05:31:48 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	234288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	364537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	153821	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	148149	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
35) Dibromofluoromethane	7.88	113	119557	54.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.90%	
50) Toluene-d8	10.32	98	496028	56.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.44%	
62) 4-Bromofluorobenzene	12.62	95	172082	55.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	83632	57.973	ug/l	94
3) Chloromethane	2.20	50	115666	51.752	ug/l	99
4) Vinyl Chloride	2.35	62	142151	51.964	ug/l	100
5) Bromomethane	2.77	94	78613	56.744	ug/l	98
6) Chloroethane	2.92	64	78680	50.986	ug/l	94
7) Trichlorofluoromethane	3.24	101	79430	57.826	ug/l	98
8) Diethyl Ether	3.67	74	69111	53.007	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	127084	54.430	ug/l	99
10) Methyl Iodide	4.26	142	169464	53.643	ug/l	99
11) Tert butyl alcohol	5.11	59	5379	32.093	ug/l #	71
12) 1,1-Dichloroethene	4.03	96	128621	54.732	ug/l	99
13) Acrolein	3.90	56	40317	255.540	ug/l	96
14) Allyl chloride	4.66	41	275815	54.900	ug/l	100
15) Acrylonitrile	5.38	53	169759	262.685	ug/l	99
16) Acetone	4.17	43	191122	268.455	ug/l	100
17) Carbon Disulfide	4.37	76	383104	53.942	ug/l	100
18) Methyl Acetate	4.69	43	89540	50.779	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	203081	53.437	ug/l	99
20) Methylene Chloride	4.91	84	137393	51.049	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	139070	55.186	ug/l	97
22) Diisopropyl ether	6.31	45	507592	54.507	ug/l	98
23) Vinyl Acetate	6.26	43	1593594	278.064	ug/l	100
24) 1,1-Dichloroethane	6.21	63	274653	54.167	ug/l	99
25) 2-Butanone	7.19	43	246840	255.149	ug/l	99
26) 2,2-Dichloropropane	7.16	77	156489	54.527	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	147078	54.626	ug/l	99
28) Bromochloromethane	7.51	49	115716	52.361	ug/l	99
29) Tetrahydrofuran	7.54	42	154453	266.106	ug/l	100
30) Chloroform	7.67	83	250858	54.076	ug/l	99
31) Cyclohexane	7.95	56	262043	52.236	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	200822	54.723	ug/l	99
36) 1,1-Dichloropropene	8.08	75	212739	56.473	ug/l	99
37) Ethyl Acetate	7.26	43	110094	53.332	ug/l	99
38) Carbon Tetrachloride	8.07	117	187692	57.566	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	241645	57.099	ug/l	99
40) Benzene	8.32	78	576723	56.067	ug/l	99
41) Methacrylonitrile	7.49	41	66063	54.451	ug/l	97
42) 1,2-Dichloroethane	8.40	62	178598	55.400	ug/l	100
43) Isopropyl Acetate	8.43	43	208903	54.633	ug/l	100
44) Trichloroethene	9.09	130	141498	56.587	ug/l	100
45) 1,2-Dichloropropane	9.37	63	153877	55.585	ug/l	98
46) Dibromomethane	9.46	93	68686	55.764	ug/l	99
47) Bromodichloromethane	9.65	83	181420	55.343	ug/l	99
48) Methyl methacrylate	9.43	41	101558	55.804	ug/l	97
49) 1,4-Dioxane	9.53	88	17914	950.034	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	541576	278.465	ug/l	99
52) Toluene	10.38	92	352043	56.970	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	190719	57.116	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	228146	56.586	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	97058	55.694	ug/l	98
56) Ethyl methacrylate	10.65	69	145360	57.310	ug/l	99
57) 1,3-Dichloropropane	10.93	76	184397	55.992	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	352553	270.836	ug/l	99
59) 2-Hexanone	10.97	43	394140	286.415	ug/l	100
60) Dibromochloromethane	11.13	129	110565	56.960	ug/l	99
61) 1,2-Dibromoethane	11.23	107	91149	56.141	ug/l	99
64) Tetrachloroethene	10.86	164	115743	56.094	ug/l	98
65) Chlorobenzene	11.66	112	345195	55.083	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	121619	55.629	ug/l	99
67) Ethyl Benzene	11.73	91	686036	56.829	ug/l	99
68) m/p-Xylenes	11.84	106	495685	113.991	ug/l	99
69) o-Xylene	12.16	106	226845	56.364	ug/l	99
70) Styrene	12.18	104	392582	56.355	ug/l	100
71) Bromoform	12.35	173	60747	55.770	ug/l	99
73) Isopropylbenzene	12.46	105	638230	55.373	ug/l	98
74) N-amyl acetate	12.27	43	196932	56.552	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	116534	55.149	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	78479m	52.385	ug/l	
77) Bromobenzene	12.74	156	136557	54.764	ug/l	99
78) n-propylbenzene	12.80	91	789956	56.141	ug/l	99
79) 2-Chlorotoluene	12.89	91	442179	55.351	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	537359	55.794	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	38604	56.498	ug/l	99
82) 4-Chlorotoluene	12.99	91	467375	55.874	ug/l	99
83) tert-Butylbenzene	13.21	119	453579	55.597	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	535330	55.333	ug/l	99
85) sec-Butylbenzene	13.38	105	654872	56.028	ug/l	99
86) p-Isopropyltoluene	13.50	119	587170	56.251	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	268263	55.003	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	267746	55.288	ug/l	99
89) n-Butylbenzene	13.82	91	595031	57.323	ug/l	99
90) Hexachloroethane	14.09	117	101683	55.523	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	238118	55.653	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	19629	55.102	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	172543	58.355	ug/l	99
94) Hexachlorobutadiene	15.24	225	111731	57.228	ug/l	98
95) Naphthalene	15.36	128	316219	54.112	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	150478	58.331	ug/l	100

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

