

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
 Data File : VW012956.D
 Acq On : 13 Sep 2019 15:50
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/16/2019 12:43:44 AM

Quant Time: Sep 13 17:08:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 16:59:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	283615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	405241	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	353653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	173617	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	254664	97.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.44%	
35) Dibromofluoromethane	7.88	113	218079	99.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.36%	
50) Toluene-d8	10.32	98	875501	101.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.50%	
62) 4-Bromofluorobenzene	12.62	95	301891	97.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	102694	84.694	ug/l	96
3) Chloromethane	2.21	50	131038	84.505	ug/l	99
4) Vinyl Chloride	2.36	62	186683	91.961	ug/l	97
5) Bromomethane	2.76	94	110271	88.949	ug/l	99
6) Chloroethane	2.91	64	118947	95.536	ug/l	100
7) Trichlorofluoromethane	3.25	101	143041	100.763	ug/l	94
8) Diethyl Ether	3.68	74	104963	94.693	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	202093	93.863	ug/l	98
10) Methyl Iodide	4.26	142	261398	97.010	ug/l	100
11) Tert butyl alcohol	5.18	59	85671	417.294	ug/l	99
12) 1,1-Dichloroethene	4.04	96	188299	96.185	ug/l	95
13) Acrolein	3.89	56	96653	503.035	ug/l	99
14) Allyl chloride	4.67	41	368472	99.144	ug/l	100
15) Acrylonitrile	5.36	53	275451	486.542	ug/l	98
16) Acetone	4.12	43	291653	468.713	ug/l	100
17) Carbon Disulfide	4.38	76	368749	94.520	ug/l	100
18) Methyl Acetate	4.67	43	139463	93.453	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	368862	95.452	ug/l	95
20) Methylene Chloride	4.91	84	205812	83.593	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	199127	94.970	ug/l	98
22) Diisopropyl ether	6.31	45	751517	97.337	ug/l	98
23) Vinyl Acetate	6.25	43	2321602	502.045	ug/l	99
24) 1,1-Dichloroethane	6.21	63	425787	95.649	ug/l	100
25) 2-Butanone	7.17	43	395000	474.245	ug/l	99
26) 2,2-Dichloropropane	7.17	77	279919	88.679	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	241199	96.086	ug/l	100
28) Bromochloromethane	7.51	49	192281	102.623	ug/l	99
29) Tetrahydrofuran	7.52	42	232104	489.080	ug/l	100
30) Chloroform	7.67	83	427287	94.467	ug/l	99
31) Cyclohexane	7.95	56	325399	85.794	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	361102	96.943	ug/l	98
36) 1,1-Dichloropropene	8.08	75	310514	95.890	ug/l	99
37) Ethyl Acetate	7.25	43	166752	97.016	ug/l	99
38) Carbon Tetrachloride	8.07	117	329076	99.165	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	341813	96.329	ug/l	100
40) Benzene	8.32	78	872924	96.562	ug/l	99
41) Methacrylonitrile	7.48	41	107915	95.340	ug/l	96
42) 1,2-Dichloroethane	8.40	62	291945	96.339	ug/l	99
43) Isopropyl Acetate	8.42	43	331785	100.535	ug/l	99
44) Trichloroethene	9.09	130	238243	96.215	ug/l	94
45) 1,2-Dichloropropane	9.37	63	232977	97.001	ug/l	99
46) Dibromomethane	9.46	93	111838	97.191	ug/l	99
47) Bromodichloromethane	9.64	83	325254	100.769	ug/l	97
48) Methyl methacrylate	9.43	41	159752	103.144	ug/l	97
49) 1,4-Dioxane	9.46	88	37471	1943.372	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	848294	497.881	ug/l	100
52) Toluene	10.38	92	563246	98.051	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	332841	102.533	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	379517	102.179	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	171212	97.670	ug/l	99
56) Ethyl methacrylate	10.65	69	247969	105.092	ug/l	99
57) 1,3-Dichloropropane	10.93	76	307036	98.738	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	662783	523.637	ug/l	100
59) 2-Hexanone	10.97	43	602140	507.545	ug/l	99
60) Dibromochloromethane	11.13	129	214732	101.321	ug/l	97
61) 1,2-Dibromoethane	11.23	107	157116	98.252	ug/l	99
64) Tetrachloroethene	10.86	164	202115	96.067	ug/l	96
65) Chlorobenzene	11.66	112	604297	95.930	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	238951	98.984	ug/l	98
67) Ethyl Benzene	11.73	91	1144634	98.385	ug/l	100
68) m/p-Xylenes	11.83	106	828310	194.891	ug/l	99
69) o-Xylene	12.16	106	394789	99.079	ug/l	100
70) Styrene	12.18	104	706127	99.621	ug/l	99
71) Bromoform	12.35	173	129316	101.983	ug/l #	99
73) Isopropylbenzene	12.46	105	1151495	100.062	ug/l	100
74) N-amyl acetate	12.27	43	305868	103.324	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	198762	98.339	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	164038m	111.979	ug/l	
77) Bromobenzene	12.74	156	264140	99.634	ug/l	96
78) n-propylbenzene	12.80	91	1343070	99.217	ug/l	99
79) 2-Chlorotoluene	12.89	91	766948	98.559	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	953967	97.988	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	69839	104.178	ug/l	99
82) 4-Chlorotoluene	12.99	91	803651	97.881	ug/l	99
83) tert-Butylbenzene	13.21	119	859733	98.727	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	945310	98.261	ug/l	99
85) sec-Butylbenzene	13.38	105	1161110	97.865	ug/l	99
86) p-Isopropyltoluene	13.50	119	1079020	99.058	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	506087	96.432	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	495029	95.986	ug/l	99
89) n-Butylbenzene	13.82	91	1015668	98.869	ug/l	100
90) Hexachloroethane	14.09	117	196726	100.779	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	448485	97.175	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	35952	97.176	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	335261	101.859	ug/l	99
94) Hexachlorobutadiene	15.24	225	218890	93.942	ug/l	98
95) Naphthalene	15.36	128	599696	109.045	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	291328	100.129	ug/l	100

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

