

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090719\
 Data File : VW012713.D
 Acq On : 07 Sep 2019 11:30
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/10/2019 1:02:34 PM

Quant Time: Sep 08 05:00:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 04:47:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	227085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	335148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	296106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	147877	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	241904	95.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.68%	
35) Dibromofluoromethane	7.88	113	191827	96.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.54%	
50) Toluene-d8	10.32	98	790369	101.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.50%	
62) 4-Bromofluorobenzene	12.62	95	273217	96.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	108705	88.301	ug/l	98
3) Chloromethane	2.21	50	124899	83.481	ug/l	99
4) Vinyl Chloride	2.36	62	157333	85.766	ug/l	99
5) Bromomethane	2.77	94	86640	86.975	ug/l	99
6) Chloroethane	2.92	64	96184	87.865	ug/l	93
7) Trichlorofluoromethane	3.25	101	111950	88.434	ug/l	99
8) Diethyl Ether	3.68	74	98826	92.885	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	185108	93.179	ug/l	100
10) Methyl Iodide	4.27	142	231266	92.475	ug/l	100
11) Tert butyl alcohol	5.20	59	107824	555.423	ug/l	98
12) 1,1-Dichloroethene	4.04	96	175063	93.351	ug/l	95
13) Acrolein	3.89	56	105584	512.525	ug/l	99
14) Allyl chloride	4.67	41	372574	96.039	ug/l	99
15) Acrylonitrile	5.37	53	350249	563.614	ug/l	99
16) Acetone	4.13	43	389956	563.752	ug/l	98
17) Carbon Disulfide	4.38	76	362766	91.132	ug/l	99
18) Methyl Acetate	4.67	43	178153	109.776	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	381477	102.571	ug/l	98
20) Methylene Chloride	4.92	84	189254	87.454	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	182976	95.624	ug/l	98
22) Diisopropyl ether	6.31	45	748160	97.237	ug/l	100
23) Vinyl Acetate	6.25	43	2627033	538.750	ug/l	99
24) 1,1-Dichloroethane	6.21	63	397847	96.032	ug/l	99
25) 2-Butanone	7.17	43	522392	572.140	ug/l	98
26) 2,2-Dichloropropane	7.16	77	246730	94.294	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	216219	97.453	ug/l	100
28) Bromochloromethane	7.51	49	199300	104.768	ug/l	97
29) Tetrahydrofuran	7.53	42	314574	563.159	ug/l	100
30) Chloroform	7.67	83	384602	93.672	ug/l	97
31) Cyclohexane	7.96	56	325351	87.233	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	320255	96.226	ug/l	99
36) 1,1-Dichloropropene	8.08	75	291829	97.999	ug/l	99
37) Ethyl Acetate	7.25	43	214271	112.874	ug/l	100
38) Carbon Tetrachloride	8.07	117	289602	98.657	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	330376	98.780	ug/l	97
40) Benzene	8.32	78	763183	92.371	ug/l	100
41) Methacrylonitrile	7.48	41	134023	117.094	ug/l	95
42) 1,2-Dichloroethane	8.40	62	291852	100.370	ug/l	100
43) Isopropyl Acetate	8.42	43	401177	111.547	ug/l	99
44) Trichloroethene	9.09	130	208345	97.827	ug/l	96
45) 1,2-Dichloropropane	9.37	63	226529	98.855	ug/l	99
46) Dibromomethane	9.46	93	111042	102.331	ug/l	99
47) Bromodichloromethane	9.64	83	298701	100.053	ug/l	96
48) Methyl methacrylate	9.43	41	193521	112.596	ug/l	96
49) 1,4-Dioxane	9.46	88	47194	2201.782	ug/l #	74
51) 4-Methyl-2-Pentanone	10.21	43	1071301	567.674	ug/l	100
52) Toluene	10.38	92	509149	98.734	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	321529	104.738	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	357986	102.796	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	168384	103.649	ug/l	98
56) Ethyl methacrylate	10.65	69	267232	112.374	ug/l	99
57) 1,3-Dichloropropane	10.93	76	302619	100.691	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	732212	579.988	ug/l	99
59) 2-Hexanone	10.97	43	786941	570.769	ug/l	100
60) Dibromochloromethane	11.13	129	199976	104.665	ug/l	99
61) 1,2-Dibromoethane	11.24	107	156167	104.852	ug/l	99
64) Tetrachloroethene	10.86	164	171145	95.255	ug/l	97
65) Chlorobenzene	11.66	112	535077	95.609	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	205991	98.837	ug/l	99
67) Ethyl Benzene	11.73	91	1025725	97.685	ug/l	98
68) m/p-Xylenes	11.84	106	737973	194.708	ug/l	100
69) o-Xylene	12.16	106	347412	97.158	ug/l	99
70) Styrene	12.18	104	621388	98.343	ug/l	100
71) Bromoform	12.35	173	119515	103.214	ug/l	98
73) Isopropylbenzene	12.46	105	962886	90.786	ug/l	99
74) N-amyl acetate	12.27	43	332248	98.691	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	214086	100.509	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	150308m	103.576	ug/l	
77) Bromobenzene	12.74	156	225553	93.866	ug/l	99
78) n-propylbenzene	12.80	91	1193938	94.123	ug/l	100
79) 2-Chlorotoluene	12.89	91	674938	92.685	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	835518	93.488	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	76497	107.001	ug/l	100
82) 4-Chlorotoluene	12.99	91	717348	93.129	ug/l	99
83) tert-Butylbenzene	13.21	119	737244	93.295	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	837595	93.010	ug/l	100
85) sec-Butylbenzene	13.38	105	1024067	93.389	ug/l	100
86) p-Isopropyltoluene	13.50	119	934053	93.255	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	432657	91.605	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	432718	92.073	ug/l	99
89) n-Butylbenzene	13.82	91	914007	93.996	ug/l	100
90) Hexachloroethane	14.09	117	166438	95.186	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	393318	92.523	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	41346	106.069	ug/l	98

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QLast Update : Sun Sep 08 04:47:02 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	290328	98.094	ug/l	99
94) Hexachlorobutadiene	15.24	225	185817	90.705	ug/l	99
95) Naphthalene	15.36	128	615646	111.724	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	244140	93.450	ug/l	99

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

