

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011719\
 Data File : VW008327.D
 Acq On : 17 Jan 2019 14:31
 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
 1/18/2019 2:09:44 PM

Quant Time: Jan 18 00:48:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:24:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	119244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	186560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	172469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	85408	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	119536	96.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.74%	
35) Dibromofluoromethane	7.88	113	120806	101.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.88%	
50) Toluene-d8	10.32	98	481153	102.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.70%	
62) 4-Bromofluorobenzene	12.62	95	163162	97.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	71116	94.650	ug/l	99
3) Chloromethane	2.21	50	105662	95.934	ug/l	99
4) Vinyl Chloride	2.37	62	135663	96.400	ug/l	93
5) Bromomethane	2.78	94	104890	98.350	ug/l	96
6) Chloroethane	2.92	64	94631	102.734	ug/l	96
7) Trichlorofluoromethane	3.26	101	109747	106.210	ug/l	98
8) Diethyl Ether	3.68	74	66646	93.013	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	121014	100.593	ug/l	98
10) Methyl Iodide	4.26	142	196281	101.165	ug/l	99
11) Tert butyl alcohol	5.17	59	37445	436.703	ug/l	100
12) 1,1-Dichloroethene	4.03	96	120798	98.729	ug/l	97
13) Acrolein	3.89	56	46564	632.225	ug/l	95
14) Allyl chloride	4.66	41	207165	101.280	ug/l	99
15) Acrylonitrile	5.36	53	141249	513.177	ug/l	100
16) Acetone	4.12	43	137521	477.390	ug/l	99
17) Carbon Disulfide	4.37	76	388229	104.276	ug/l	99
18) Methyl Acetate	4.67	43	71922	93.466	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	189404	101.125	ug/l	96
20) Methylene Chloride	4.91	84	127165	83.131	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	138612	100.867	ug/l	91
22) Diisopropyl ether	6.31	45	399231	99.971	ug/l	97
23) Vinyl Acetate	6.25	43	1151582	539.468	ug/l	100
24) 1,1-Dichloroethane	6.21	63	238983	98.285	ug/l	99
25) 2-Butanone	7.17	43	195708	530.432	ug/l	100
26) 2,2-Dichloropropane	7.16	77	144525	93.140	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	148768	99.919	ug/l	99
28) Bromochloromethane	7.51	49	99766	99.590	ug/l #	98
29) Tetrahydrofuran	7.52	42	121529	528.352	ug/l	100
30) Chloroform	7.67	83	239951	99.740	ug/l	96
31) Cyclohexane	7.95	56	221831	95.752	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	200063	99.088	ug/l	99
36) 1,1-Dichloropropene	8.08	75	196626	104.758	ug/l	100
37) Ethyl Acetate	7.25	43	78362	101.241	ug/l	99
38) Carbon Tetrachloride	8.07	117	191689	103.425	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	245477	109.950	ug/l	98
40) Benzene	8.32	78	551084	103.649	ug/l	99
41) Methacrylonitrile	7.48	41	48706	108.096	ug/l	97
42) 1,2-Dichloroethane	8.40	62	149693	100.687	ug/l	99
43) Isopropyl Acetate	8.43	43	157625	107.811	ug/l	99
44) Trichloroethene	9.09	130	151504	104.008	ug/l	97
45) 1,2-Dichloropropane	9.37	63	133747	101.271	ug/l	99
46) Dibromomethane	9.46	93	69435	100.875	ug/l	100
47) Bromodichloromethane	9.65	83	176997	104.246	ug/l	99
48) Methyl methacrylate	9.43	41	76940	111.787	ug/l	98
49) 1,4-Dioxane	9.45	88	22768	2054.734	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	408927	552.365	ug/l	100
52) Toluene	10.39	92	349792	103.959	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	182342	107.602	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	214195	107.223	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	97046	101.649	ug/l	97
56) Ethyl methacrylate	10.65	69	126205	112.560	ug/l	99
57) 1,3-Dichloropropane	10.93	76	171189	103.270	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	303915	561.941	ug/l	99
59) 2-Hexanone	10.97	43	294345	567.451	ug/l	100
60) Dibromochloromethane	11.13	129	121120	106.299	ug/l	99
61) 1,2-Dibromoethane	11.23	107	95612	103.421	ug/l	95
64) Tetrachloroethene	10.86	164	128092	105.920	ug/l	99
65) Chlorobenzene	11.66	112	384990	102.338	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	135202	104.422	ug/l	98
67) Ethyl Benzene	11.73	91	681915	104.397	ug/l	100
68) m/p-Xylenes	11.84	106	529194	208.727	ug/l	100
69) o-Xylene	12.16	106	248366	104.854	ug/l	99
70) Styrene	12.18	104	402007	105.660	ug/l	99
71) Bromoform	12.35	173	70858	109.858	ug/l	99
73) Isopropylbenzene	12.47	105	671399	107.889	ug/l	100
74) N-amyl acetate	12.27	43	150524	112.868	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	110380	104.280	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	78932m	95.070	ug/l	
77) Bromobenzene	12.75	156	153517	102.703	ug/l	98
78) n-propylbenzene	12.80	91	800931	106.333	ug/l	100
79) 2-Chlorotoluene	12.90	91	445675	103.559	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	549839	105.881	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	35811	109.878	ug/l	97
82) 4-Chlorotoluene	12.99	91	465338	103.473	ug/l	99
83) tert-Butylbenzene	13.21	119	487380	106.634	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	550708	104.102	ug/l	100
85) sec-Butylbenzene	13.39	105	677337	103.215	ug/l	99
86) p-Isopropyltoluene	13.50	119	596230	104.025	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	298855	100.626	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	298729	100.398	ug/l	99
89) n-Butylbenzene	13.83	91	577619	105.062	ug/l	100
90) Hexachloroethane	14.10	117	112029	105.618	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	267218	101.907	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18025	104.142	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	189884	106.974	ug/l	100
94) Hexachlorobutadiene	15.24	225	104890	104.849	ug/l	98
95) Naphthalene	15.37	128	340739	114.877	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	164011	106.080	ug/l	99

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

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