

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005838.D
 Acq On : 04 Oct 2018 05:20
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 10/4/2018 2:47:15 PM

Quant Time: Oct 04 06:52:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 05:22:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	207452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	309658	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	288671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	153961	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	235775	95.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.64%	
35) Dibromofluoromethane	7.88	113	200311	102.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.26%	
50) Toluene-d8	10.33	98	826673	104.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.20%	
62) 4-Bromofluorobenzene	12.63	95	302297	102.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	119550	86.217	ug/l	93
3) Chloromethane	2.21	50	140035	85.421	ug/l	99
4) Vinyl Chloride	2.37	62	203479	100.831	ug/l	100
5) Bromomethane	2.79	94	141189	103.097	ug/l	100
6) Chloroethane	2.93	64	127143	98.322	ug/l	98
7) Trichlorofluoromethane	3.26	101	149164	96.121	ug/l	99
8) Diethyl Ether	3.68	74	104246	99.880	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	190789	96.018	ug/l	99
10) Methyl Iodide	4.27	142	322920	104.431	ug/l	99
11) Tert butyl alcohol	5.21	59	66863	469.856	ug/l #	86
12) 1,1-Dichloroethene	4.04	96	190307	99.370	ug/l	99
13) Acrolein	3.89	56	68696	622.563	ug/l	99
14) Allyl chloride	4.67	41	324663	98.440	ug/l	100
15) Acrylonitrile	5.37	53	221048	478.276	ug/l	99
16) Acetone	4.14	43	182002	413.729	ug/l	98
17) Carbon Disulfide	4.37	76	622961	103.243	ug/l	100
18) Methyl Acetate	4.68	43	115066	97.073	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	312859	104.617	ug/l	96
20) Methylene Chloride	4.91	84	214908	86.382	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	216518	103.237	ug/l	98
22) Diisopropyl ether	6.31	45	645238	100.429	ug/l	98
23) Vinyl Acetate	6.26	43	1856058	502.781	ug/l	99
24) 1,1-Dichloroethane	6.21	63	396415	99.368	ug/l	99
25) 2-Butanone	7.18	43	277093	459.024	ug/l	98
26) 2,2-Dichloropropane	7.17	77	231649	84.822	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	239689	103.852	ug/l	98
28) Bromochloromethane	7.52	49	128428	82.798	ug/l	99
29) Tetrahydrofuran	7.54	42	181377	479.941	ug/l	98
30) Chloroform	7.68	83	423028	102.253	ug/l	100
31) Cyclohexane	7.96	56	339677	89.753	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	363699	100.048	ug/l	99
36) 1,1-Dichloropropene	8.09	75	321399	102.391	ug/l	99
37) Ethyl Acetate	7.26	43	128536	96.622	ug/l	100
38) Carbon Tetrachloride	8.07	117	347861	103.304	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	388211	105.192	ug/l	98
40) Benzene	8.33	78	908971	101.853	ug/l	99
41) Methacrylonitrile	7.49	41	75689	98.367	ug/l	96
42) 1,2-Dichloroethane	8.40	62	293877	101.642	ug/l	100
43) Isopropyl Acetate	8.43	43	263465	100.188	ug/l	100
44) Trichloroethene	9.10	130	238710	104.146	ug/l	98
45) 1,2-Dichloropropane	9.37	63	217790	100.186	ug/l	96
46) Dibromomethane	9.46	93	115468	104.150	ug/l	98
47) Bromodichloromethane	9.65	83	311656	105.485	ug/l	98
48) Methyl methacrylate	9.44	41	134143	107.255	ug/l	100
49) 1,4-Dioxane	9.48	88	38400	2169.999	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	673421	506.723	ug/l	99
52) Toluene	10.39	92	594903	106.588	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	315009	106.449	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	350663	105.888	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	164368	104.194	ug/l	99
56) Ethyl methacrylate	10.65	69	221655	113.908	ug/l	99
57) 1,3-Dichloropropane	10.94	76	287193	103.255	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	428865	495.941	ug/l	99
59) 2-Hexanone	10.98	43	461600	512.499	ug/l	99
60) Dibromochloromethane	11.13	129	208859	108.709	ug/l	96
61) 1,2-Dibromoethane	11.24	107	157767	107.035	ug/l	97
64) Tetrachloroethene	10.87	164	233247	111.543	ug/l	99
65) Chlorobenzene	11.66	112	645107	104.397	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	238801	106.642	ug/l	98
67) Ethyl Benzene	11.74	91	1172876	107.238	ug/l	100
68) m/p-Xylenes	11.85	106	892728	215.310	ug/l	99
69) o-Xylene	12.17	106	421439	108.625	ug/l	100
70) Styrene	12.19	104	713993	109.373	ug/l	99
71) Bromoform	12.35	173	130952	108.967	ug/l #	100
73) Isopropylbenzene	12.47	105	1185460	110.901	ug/l	100
74) N-amyl acetate	12.28	43	252667	104.096	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	184911	102.817	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	134871m	101.044	ug/l	
77) Bromobenzene	12.76	156	276431	109.181	ug/l	99
78) n-propylbenzene	12.81	91	1388944	107.615	ug/l	99
79) 2-Chlorotoluene	12.90	91	813486	108.455	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1014576	109.072	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	59129	100.850	ug/l	99
82) 4-Chlorotoluene	12.99	91	846389	106.973	ug/l	100
83) tert-Butylbenzene	13.21	119	862234	110.421	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1035764	110.132	ug/l	100
85) sec-Butylbenzene	13.39	105	1215656	107.619	ug/l	100
86) p-Isopropyltoluene	13.51	119	1104782	108.786	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	541772	104.905	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	530507	103.421	ug/l	99
89) n-Butylbenzene	13.83	91	1008929	105.949	ug/l	100
90) Hexachloroethane	14.10	117	194463	105.591	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	482485	105.425	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	36111	104.277	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	349023	107.433	ug/l	99
94) Hexachlorobutadiene	15.24	225	213686	102.077	ug/l	100
95) Naphthalene	15.38	128	644753	116.578	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	315585	109.626	ug/l	100

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

