

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082918\
 Data File : VW005000.D
 Acq On : 29 Aug 2018 13:27
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 8/30/2018 12:43:35 PM

Quant Time: Aug 30 01:37:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:20:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	520682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	733785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	724506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	408647	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	168818	47.40	ug/l	0.00
Spiked Amount			Recovery	=	94.80%	
35) Dibromofluoromethane	7.89	113	174694	48.04	ug/l	0.00
Spiked Amount			Recovery	=	96.08%	
50) Toluene-d8	10.33	98	984272	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	12.62	95	349601	48.03	ug/l	0.00
Spiked Amount			Recovery	=	96.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	205839	45.760	ug/l	100
3) Chloromethane	2.22	50	296790	46.458	ug/l	100
4) Vinyl Chloride	2.36	62	298653	46.834	ug/l	100
5) Bromomethane	2.78	94	189290	45.412	ug/l	100
6) Chloroethane	2.92	64	177211	46.996	ug/l	100
7) Trichlorofluoromethane	3.26	101	323919	49.128	ug/l	100
8) Diethyl Ether	3.69	74	89376	47.674	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	198805	48.852	ug/l	100
10) Methyl Iodide	4.28	142	309901	55.678	ug/l	100
11) Tert butyl alcohol	5.21	59	54564	256.655	ug/l	100
12) 1,1-Dichloroethene	4.04	96	188454	49.566	ug/l	100
13) Acrolein	3.90	56	74314	244.690	ug/l	100
14) Allyl chloride	4.68	41	291891	49.857	ug/l	100
15) Acrylonitrile	5.39	53	234128	244.891	ug/l	100
16) Acetone	4.15	43	186880	232.669	ug/l	100
17) Carbon Disulfide	4.39	76	784550	49.091	ug/l	100
18) Methyl Acetate	4.69	43	92188	47.385	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	418468	51.217	ug/l	100
20) Methylene Chloride	4.92	84	285021	42.113	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	203453	49.282	ug/l	100
22) Diisopropyl ether	6.32	45	639884	53.540	ug/l	100
23) Vinyl Acetate	6.26	43	1615373	264.364	ug/l	100
24) 1,1-Dichloroethane	6.22	63	357501	49.439	ug/l	100
25) 2-Butanone	7.18	43	306371	244.603	ug/l	100
26) 2,2-Dichloropropane	7.18	77	307753	48.488	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	218195	48.585	ug/l	100
28) Bromochloromethane	7.52	49	161766	50.875	ug/l	100
29) Tetrahydrofuran	7.54	42	154818	244.683	ug/l	100
30) Chloroform	7.68	83	344833	48.482	ug/l	100
31) Cyclohexane	7.96	56	397648	51.885	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	331605	50.670	ug/l	100
36) 1,1-Dichloropropene	8.09	75	332229	53.435	ug/l	100
37) Ethyl Acetate	7.26	43	110512	49.313	ug/l	100
38) Carbon Tetrachloride	8.07	117	301110	50.043	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	447072	52.162	ug/l	100
40) Benzene	8.33	78	1041408	52.328	ug/l	100
41) Methacrylonitrile	7.49	41	62972	48.218	ug/l	100
42) 1,2-Dichloroethane	8.41	62	213194	48.142	ug/l	100
43) Isopropyl Acetate	8.43	43	224169	50.271	ug/l	100
44) Trichloroethene	9.10	130	264301	51.994	ug/l	100
45) 1,2-Dichloropropane	9.37	63	238895	52.465	ug/l	100
46) Dibromomethane	9.46	93	103442	47.998	ug/l	100
47) Bromodichloromethane	9.65	83	263578	49.497	ug/l	100
48) Methyl methacrylate	9.44	41	127910	54.024	ug/l	100
49) 1,4-Dioxane	9.48	88	45582	1019.214	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	849949	254.491	ug/l	100
52) Toluene	10.40	92	738430	50.012	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	297546	52.319	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	351188	52.955	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	174350	49.426	ug/l	100
56) Ethyl methacrylate	10.65	69	240013	51.873	ug/l	100
57) 1,3-Dichloropropane	10.94	76	297592	51.269	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	533670	267.722	ug/l	100
59) 2-Hexanone	10.98	43	615511	254.540	ug/l	100
60) Dibromochloromethane	11.13	129	200822	51.873	ug/l	100
61) 1,2-Dibromoethane	11.24	107	168425	50.929	ug/l	100
64) Tetrachloroethene	10.87	164	275351	52.127	ug/l	100
65) Chlorobenzene	11.66	112	803171	50.457	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	231478	52.946	ug/l	100
67) Ethyl Benzene	11.74	91	1423591	52.231	ug/l	100
68) m/p-Xylenes	11.85	106	1165701	104.859	ug/l	100
69) o-Xylene	12.17	106	537490	52.913	ug/l	100
70) Styrene	12.19	104	901502	53.500	ug/l	100
71) Bromoform	12.35	173	126622	52.088	ug/l #	100
73) Isopropylbenzene	12.47	105	1444753	53.036	ug/l	100
74) N-amyl acetate	12.28	43	266848	51.909	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	212040	51.409	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	144474m	28.323	ug/l	
77) Bromobenzene	12.76	156	341670	51.119	ug/l	100
78) n-propylbenzene	12.81	91	1780552	52.990	ug/l	100
79) 2-Chlorotoluene	12.90	91	1006963	51.886	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1276219	53.026	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	67864	52.993	ug/l	100
82) 4-Chlorotoluene	12.99	91	1059304	51.230	ug/l	100
83) tert-Butylbenzene	13.21	119	1070371	52.950	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1293867	52.983	ug/l	100
85) sec-Butylbenzene	13.39	105	1571561	52.961	ug/l	100
86) p-Isopropyltoluene	13.51	119	1421245	53.460	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	718455	50.705	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	707440	50.405	ug/l	100
89) n-Butylbenzene	13.84	91	1331027	53.333	ug/l	100
90) Hexachloroethane	14.10	117	216889	51.900	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	631764	50.651	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	35025	49.168	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	452446	51.778	ug/l	100
94) Hexachlorobutadiene	15.25	225	280835	51.343	ug/l	100
95) Naphthalene	15.38	128	757984	52.873	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	396040	51.304	ug/l	100

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

