

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004784.D
 Acq On : 20 Aug 2018 11:57
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 8/21/2018 11:18:52 AM

Quant Time: Aug 20 14:34:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	683038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	989242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	873625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	466236	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	288200	43.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.28%	
35) Dibromofluoromethane	7.88	113	304551	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
50) Toluene-d8	10.33	98	1247505	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.62	95	436142	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	232058	51.29	ug/l	96
3) Chloromethane	2.22	50	287435	48.59	ug/l	100
4) Vinyl Chloride	2.37	62	447899	51.44	ug/l	98
5) Bromomethane	2.79	94	279735	52.02	ug/l	100
6) Chloroethane	2.93	64	273291	52.02	ug/l	100
7) Trichlorofluoromethane	3.26	101	253087	61.70	ug/l	100
8) Diethyl Ether	3.68	74	169752	45.77	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	363303	51.43	ug/l	98
10) Methyl Iodide	4.26	142	549301	51.20	ug/l	99
11) Tert butyl alcohol	5.22	59	88773m	240.62	ug/l	
12) 1,1-Dichloroethene	4.03	96	343393	48.79	ug/l	98
13) Acrolein	3.90	56	119555	241.49	ug/l	98
14) Allyl chloride	4.67	41	527477	49.38	ug/l	99
15) Acrylonitrile	5.37	53	341798	219.75	ug/l	99
16) Acetone	4.14	43	412276	244.57	ug/l	99
17) Carbon Disulfide	4.37	76	1165429	50.38	ug/l	99
18) Methyl Acetate	4.67	43	155905	43.16	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	444075	48.60	ug/l	97
20) Methylene Chloride	4.91	84	389417	50.65	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	373218	49.83	ug/l	97
22) Diisopropyl ether	6.31	45	1019147	49.64	ug/l	99
23) Vinyl Acetate	6.26	43	2745818	236.44	ug/l	98
24) 1,1-Dichloroethane	6.22	63	631430	47.33	ug/l	100
25) 2-Butanone	7.18	43	536449	223.35	ug/l	98
26) 2,2-Dichloropropane	7.17	77	406424	52.74	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	396675	49.20	ug/l	100
28) Bromochloromethane	7.51	49	248673	44.26	ug/l	98
29) Tetrahydrofuran	7.54	42	265665	216.91	ug/l	99
30) Chloroform	7.68	83	627874	47.85	ug/l	99
31) Cyclohexane	7.96	56	636394	49.31	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	527325	50.70	ug/l	100
36) 1,1-Dichloropropene	8.09	75	523311	51.35	ug/l	99
37) Ethyl Acetate	7.26	43	183989	45.29	ug/l	98
38) Carbon Tetrachloride	8.07	117	497897	53.08	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	700420	54.96	ug/l	96
40) Benzene	8.33	78	1493493	50.43	ug/l	99
41) Methacrylonitrile	7.49	41	117787	51.09	ug/l	97
42) 1,2-Dichloroethane	8.40	62	357389	47.06	ug/l	99
43) Isopropyl Acetate	8.43	43	334513	45.84	ug/l	99
44) Trichloroethene	9.09	130	381099	50.69	ug/l	100
45) 1,2-Dichloropropane	9.37	63	358158	49.44	ug/l	99
46) Dibromomethane	9.46	93	169190	47.14	ug/l	99
47) Bromodichloromethane	9.65	83	420226	49.03	ug/l	99
48) Methyl methacrylate	9.44	41	172008	50.24	ug/l	96
49) 1,4-Dioxane	9.48	88	56488	1077.28	ug/l #	80
51) 4-Methyl-2-Pentanone	10.21	43	1128062	228.74	ug/l	98
52) Toluene	10.39	92	917856	51.67	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	436452	50.54	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	526803	51.17	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	244073	47.84	ug/l	98
56) Ethyl methacrylate	10.65	69	297126	44.90	ug/l	100
57) 1,3-Dichloropropane	10.94	76	423893	48.13	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	698407	247.88	ug/l	100
59) 2-Hexanone	10.98	43	798941	239.10	ug/l	99
60) Dibromochloromethane	11.13	129	280324	48.98	ug/l	99
61) 1,2-Dibromoethane	11.24	107	230324	47.23	ug/l	97
64) Tetrachloroethene	10.87	164	320812	53.73	ug/l	99
65) Chlorobenzene	11.66	112	951513	50.60	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	330507	52.06	ug/l	97
67) Ethyl Benzene	11.74	91	1727081	54.18	ug/l	98
68) m/p-Xylenes	11.85	106	1361678	109.80	ug/l	100
69) o-Xylene	12.17	106	641707	55.89	ug/l	97
70) Styrene	12.19	104	1070871	55.53	ug/l	99
71) Bromoform	12.35	173	170964	51.02	ug/l #	99
73) Isopropylbenzene	12.47	105	1783415	56.23	ug/l	100
74) N-amyl acetate	12.28	43	321235	43.79	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	282184	48.03	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	202181m	49.19	ug/l	
77) Bromobenzene	12.76	156	397347	51.75	ug/l	99
78) n-propylbenzene	12.81	91	2197412	56.77	ug/l	100
79) 2-Chlorotoluene	12.90	91	1227067	55.00	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1469645	54.54	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	88293	49.93	ug/l	99
82) 4-Chlorotoluene	12.99	91	1274577	53.77	ug/l	100
83) tert-Butylbenzene	13.21	119	1308790	56.78	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1539354	55.52	ug/l	100
85) sec-Butylbenzene	13.39	105	1914075	55.62	ug/l	99
86) p-Isopropyltoluene	13.51	119	1694104	56.58	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	818468	52.41	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	800752	51.30	ug/l	98
89) n-Butylbenzene	13.84	91	1602841	55.37	ug/l	99
90) Hexachloroethane	14.10	117	285537	52.32	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	727752	51.88	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	43114	46.95	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	534005	53.83	ug/l	99
94) Hexachlorobutadiene	15.25	225	326524	53.62	ug/l	97
95) Naphthalene	15.38	128	884581	46.30	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	459606	52.24	ug/l	99

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

