

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004859.D
 Acq On : 22 Aug 2018 00:11
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 8/22/2018 11:25:38 AM

Quant Time: Aug 22 07:23:06 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	608635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	923972	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	870940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	453744	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	298534	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
35) Dibromofluoromethane	7.88	113	306954	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
50) Toluene-d8	10.33	98	1217154	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	
62) 4-Bromofluorobenzene	12.62	95	441322	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	176537	43.79	ug/l	90
3) Chloromethane	2.22	50	235480	44.67	ug/l	100
4) Vinyl Chloride	2.37	62	392165	50.54	ug/l	98
5) Bromomethane	2.78	94	244533	51.03	ug/l	100
6) Chloroethane	2.93	64	242066	51.71	ug/l	99
7) Trichlorofluoromethane	3.26	101	195529	53.49	ug/l	97
8) Diethyl Ether	3.68	74	168660	51.03	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	319653	50.79	ug/l	99
10) Methyl Iodide	4.27	142	503617	52.69	ug/l	100
11) Tert butyl alcohol	5.21	59	78259	238.05	ug/l	99
12) 1,1-Dichloroethene	4.03	96	318277	50.74	ug/l	97
13) Acrolein	3.90	56	119064	269.89	ug/l	99
14) Allyl chloride	4.67	41	491454	51.63	ug/l	99
15) Acrylonitrile	5.37	53	351661	253.73	ug/l	100
16) Acetone	4.14	43	324299	215.90	ug/l	99
17) Carbon Disulfide	4.38	76	1033609	50.15	ug/l	99
18) Methyl Acetate	4.68	43	173921	54.03	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	436021	53.55	ug/l	99
20) Methylene Chloride	4.91	84	359476	52.64	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	348111	52.16	ug/l	99
22) Diisopropyl ether	6.31	45	1022604	55.90	ug/l	99
23) Vinyl Acetate	6.26	43	2708009	261.69	ug/l	100
24) 1,1-Dichloroethane	6.21	63	622820	52.39	ug/l	99
25) 2-Butanone	7.18	43	511851	239.16	ug/l	99
26) 2,2-Dichloropropane	7.17	77	333860	48.62	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	379311	52.80	ug/l	99
28) Bromochloromethane	7.51	49	259880	51.91	ug/l	98
29) Tetrahydrofuran	7.54	42	277821	254.57	ug/l	100
30) Chloroform	7.68	83	613828	52.50	ug/l	100
31) Cyclohexane	7.96	56	570455	49.61	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	479918	51.78	ug/l	99
36) 1,1-Dichloropropene	8.09	75	484579	50.91	ug/l	99
37) Ethyl Acetate	7.26	43	187488	49.41	ug/l	99
38) Carbon Tetrachloride	8.07	117	442962	50.56	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	609606	51.21	ug/l	98
40) Benzene	8.33	78	1442673	52.15	ug/l	99
41) Methacrylonitrile	7.49	41	105588	49.03	ug/l	94
42) 1,2-Dichloroethane	8.40	62	364439	51.38	ug/l	100
43) Isopropyl Acetate	8.43	43	342178	50.21	ug/l	99
44) Trichloroethene	9.09	130	355324	50.60	ug/l	99
45) 1,2-Dichloropropane	9.37	63	354981	52.46	ug/l	99
46) Dibromomethane	9.46	93	168948	50.40	ug/l	100
47) Bromodichloromethane	9.65	83	409693	51.17	ug/l	97
48) Methyl methacrylate	9.44	41	162197	50.72	ug/l	98
49) 1,4-Dioxane	9.48	88	56750	1158.73	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	1192437	258.87	ug/l	99
52) Toluene	10.39	92	885344	53.36	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	414183	51.35	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	497449	51.73	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	246898	51.81	ug/l	97
56) Ethyl methacrylate	10.65	69	299802	48.27	ug/l	100
57) 1,3-Dichloropropane	10.94	76	430345	52.32	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	716555	272.29	ug/l	100
59) 2-Hexanone	10.98	43	797969	255.67	ug/l	100
60) Dibromochloromethane	11.13	129	277985	52.00	ug/l	99
61) 1,2-Dibromoethane	11.24	107	234758	51.54	ug/l	100
64) Tetrachloroethene	10.87	164	315296	52.97	ug/l	99
65) Chlorobenzene	11.66	112	961478	51.29	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	327307	51.71	ug/l	99
67) Ethyl Benzene	11.74	91	1711480	53.86	ug/l	99
68) m/p-Xylenes	11.85	106	1329527	107.54	ug/l	100
69) o-Xylene	12.17	106	626070	54.70	ug/l	98
70) Styrene	12.19	104	1050959	54.66	ug/l	100
71) Bromoform	12.35	173	167341	50.09	ug/l #	97
73) Isopropylbenzene	12.47	105	1724084	55.85	ug/l	100
74) N-amyl acetate	12.28	43	337624	46.96	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	294066	51.43	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	192933m	48.23	ug/l	
77) Bromobenzene	12.75	156	395659	52.95	ug/l	99
78) n-propylbenzene	12.81	91	2100615	55.77	ug/l	100
79) 2-Chlorotoluene	12.90	91	1187470	54.69	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1466035	55.90	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	86401	50.21	ug/l	99
82) 4-Chlorotoluene	12.99	91	1249914	54.18	ug/l	100
83) tert-Butylbenzene	13.21	119	1253548	55.88	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1511601	56.02	ug/l	100
85) sec-Butylbenzene	13.39	105	1853788	55.35	ug/l	99
86) p-Isopropyltoluene	13.51	119	1620738	55.62	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	812709	53.47	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	796323	52.42	ug/l	100
89) n-Butylbenzene	13.83	91	1538279	54.60	ug/l	99
90) Hexachloroethane	14.10	117	283383	53.35	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	725843	53.17	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	44717	50.04	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	513773	53.21	ug/l	100
94) Hexachlorobutadiene	15.24	225	310380	52.37	ug/l	99
95) Naphthalene	15.38	128	904900	48.49	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	457734	53.46	ug/l	99

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

