

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003603.D
 Acq On : 27 Jun 2018 10:24
 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
 6/28/2018 12:35:11 PM

Quant Time: Jun 27 14:08:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	223607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	338139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	311593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	169842	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	123465	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
35) Dibromofluoromethane	7.88	113	109403	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
50) Toluene-d8	10.33	98	440945	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
62) 4-Bromofluorobenzene	12.63	95	157898	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	48546	71.81	ug/l	88
3) Chloromethane	2.21	50	77417	45.33	ug/l	97
4) Vinyl Chloride	2.36	62	107271	43.08	ug/l	98
5) Bromomethane	2.78	94	68141	41.17	ug/l	98
6) Chloroethane	2.92	64	73829	42.60	ug/l	99
7) Trichlorofluoromethane	3.25	101	75108	50.35	ug/l	97
8) Diethyl Ether	3.68	74	49320	45.01	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	98941	47.77	ug/l	99
10) Methyl Iodide	4.26	142	144631	46.17	ug/l	100
11) Tert butyl alcohol	5.23	59	27207m	209.45	ug/l	
12) 1,1-Dichloroethene	4.03	96	94071	46.47	ug/l	97
13) Acrolein	3.90	56	39983	215.29	ug/l	98
14) Allyl chloride	4.66	41	162802	46.43	ug/l	100
15) Acrylonitrile	5.38	53	104956	232.80	ug/l	100
16) Acetone	4.15	43	137286	270.27	ug/l	99
17) Carbon Disulfide	4.37	76	272099	45.47	ug/l	100
18) Methyl Acetate	4.68	43	56731	47.08	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	176238	46.49	ug/l	99
20) Methylene Chloride	4.90	84	105874	48.99	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	102762	46.65	ug/l	98
22) Diisopropyl ether	6.31	45	342332	48.51	ug/l	97
23) Vinyl Acetate	6.26	43	954352	234.69	ug/l	99
24) 1,1-Dichloroethane	6.21	63	201555	48.11	ug/l	98
25) 2-Butanone	7.18	43	155917	246.84	ug/l	99
26) 2,2-Dichloropropane	7.17	77	130715	46.75	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	114654	47.38	ug/l	98
28) Bromochloromethane	7.51	49	94080	53.97	ug/l	97
29) Tetrahydrofuran	7.54	42	88930	230.37	ug/l	98
30) Chloroform	7.68	83	203972	47.79	ug/l	97
31) Cyclohexane	7.96	56	177656	45.39	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	169695	48.17	ug/l	100
36) 1,1-Dichloropropene	8.09	75	163677	50.12	ug/l	99
37) Ethyl Acetate	7.26	43	61063	45.14	ug/l	99
38) Carbon Tetrachloride	8.07	117	160468	50.10	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	189406	50.13	ug/l	98
40) Benzene	8.32	78	444833	49.42	ug/l	98
41) Methacrylonitrile	7.49	41	39395	47.45	ug/l	100
42) 1,2-Dichloroethane	8.40	62	138323	49.05	ug/l	99
43) Isopropyl Acetate	8.43	43	123573	46.00	ug/l	99
44) Trichloroethene	9.09	130	116182	48.71	ug/l	99
45) 1,2-Dichloropropane	9.37	63	113984	49.73	ug/l	99
46) Dibromomethane	9.46	93	57002	48.58	ug/l	98
47) Bromodichloromethane	9.65	83	151077	50.23	ug/l	98
48) Methyl methacrylate	9.44	41	60036	47.56	ug/l	99
49) 1,4-Dioxane	9.49	88	15873	895.94	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	332601	242.99	ug/l	99
52) Toluene	10.39	92	287615	49.83	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	149080	48.52	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	173344	49.57	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	80487	48.68	ug/l	99
56) Ethyl methacrylate	10.65	69	97969	48.79	ug/l	99
57) 1,3-Dichloropropane	10.94	76	140238	49.18	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	218017	242.22	ug/l	99
59) 2-Hexanone	10.98	43	253729	265.35	ug/l	99
60) Dibromochloromethane	11.13	129	96816	49.24	ug/l	100
61) 1,2-Dibromoethane	11.24	107	76306	48.79	ug/l	98
64) Tetrachloroethene	10.87	164	99573	47.78	ug/l	97
65) Chlorobenzene	11.66	112	314015	48.39	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	110652	48.53	ug/l	99
67) Ethyl Benzene	11.74	91	574792	49.97	ug/l	100
68) m/p-Xylenes	11.85	106	439630	100.55	ug/l	99
69) o-Xylene	12.17	106	202862	50.06	ug/l	100
70) Styrene	12.19	104	346661	51.40	ug/l	99
71) Bromoform	12.35	173	56229	47.58	ug/l	100
73) Isopropylbenzene	12.47	105	578413	48.96	ug/l	99
74) N-amyl acetate	12.28	43	122736	45.65	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	95284	47.68	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	70070m	48.26	ug/l	
77) Bromobenzene	12.76	156	129411	47.04	ug/l	97
78) n-propylbenzene	12.81	91	722133	49.92	ug/l	100
79) 2-Chlorotoluene	12.90	91	401247	49.09	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	494579	49.88	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	28975	45.92	ug/l	95
82) 4-Chlorotoluene	12.99	91	422441	48.71	ug/l	100
83) tert-Butylbenzene	13.21	119	418016	49.47	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	507522	49.76	ug/l	100
85) sec-Butylbenzene	13.39	105	628013	50.00	ug/l	100
86) p-Isopropyltoluene	13.51	119	550509	49.69	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	271889	48.11	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	268367	47.76	ug/l	100
89) n-Butylbenzene	13.83	91	545432	50.51	ug/l	99
90) Hexachloroethane	14.10	117	97396	48.60	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	237856	48.04	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15778	46.91	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	165511	47.62	ug/l	99
94) Hexachlorobutadiene	15.25	225	101839	48.71	ug/l	99
95) Naphthalene	15.38	128	277908	47.14	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	145542	47.58	ug/l	98

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

