

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004833.D
 Acq On : 21 Aug 2018 11:26
 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
 8/22/2018 11:06:43 AM

Quant Time: Aug 22 05:29:11 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	625650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	891661	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	825222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	438730	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	272085	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	
35) Dibromofluoromethane	7.88	113	291534	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
50) Toluene-d8	10.33	98	1178434	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
62) 4-Bromofluorobenzene	12.62	95	413164	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	205329	49.55	ug/l	98
3) Chloromethane	2.22	50	253478	46.78	ug/l	98
4) Vinyl Chloride	2.37	62	426759	53.51	ug/l	98
5) Bromomethane	2.79	94	256850	52.14	ug/l	99
6) Chloroethane	2.93	64	256198	53.24	ug/l	97
7) Trichlorofluoromethane	3.26	101	227779	60.62	ug/l	98
8) Diethyl Ether	3.68	74	154766	45.56	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	348551	53.87	ug/l	99
10) Methyl Iodide	4.26	142	506347	51.53	ug/l	100
11) Tert butyl alcohol	5.22	59	71570	211.79	ug/l	98
12) 1,1-Dichloroethene	4.03	96	330937	51.33	ug/l	99
13) Acrolein	3.90	56	134119	295.75	ug/l	100
14) Allyl chloride	4.67	41	493252	50.41	ug/l	99
15) Acrylonitrile	5.38	53	313108	219.77	ug/l	99
16) Acetone	4.14	43	353145	228.71	ug/l	97
17) Carbon Disulfide	4.37	76	1097343	51.79	ug/l	99
18) Methyl Acetate	4.68	43	146569	44.29	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	404330	48.31	ug/l	97
20) Methylene Chloride	4.91	84	356673	50.65	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	349511	50.95	ug/l	99
22) Diisopropyl ether	6.31	45	973457	51.76	ug/l	100
23) Vinyl Acetate	6.26	43	2522076	237.09	ug/l	99
24) 1,1-Dichloroethane	6.21	63	611005	50.00	ug/l	99
25) 2-Butanone	7.18	43	471939	214.51	ug/l	100
26) 2,2-Dichloropropane	7.17	77	373972	52.98	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	368103	49.84	ug/l	99
28) Bromochloromethane	7.51	49	243114	47.24	ug/l	100
29) Tetrahydrofuran	7.54	42	240150	214.06	ug/l	99
30) Chloroform	7.68	83	596211	49.60	ug/l	100
31) Cyclohexane	7.96	56	614894	52.02	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	504132	52.91	ug/l	99
36) 1,1-Dichloropropene	8.09	75	499039	54.33	ug/l	100
37) Ethyl Acetate	7.26	43	165187	45.11	ug/l	98
38) Carbon Tetrachloride	8.07	117	472355	55.86	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	663984	57.80	ug/l	100
40) Benzene	8.33	78	1413510	52.95	ug/l	100
41) Methacrylonitrile	7.49	41	96096	46.24	ug/l	96
42) 1,2-Dichloroethane	8.40	62	340400	49.73	ug/l	100
43) Isopropyl Acetate	8.43	43	304286	46.26	ug/l	99
44) Trichloroethene	9.10	130	357167	52.71	ug/l	98
45) 1,2-Dichloropropane	9.37	63	340423	52.13	ug/l	99
46) Dibromomethane	9.46	93	156565	48.40	ug/l	99
47) Bromodichloromethane	9.65	83	398749	51.61	ug/l	97
48) Methyl methacrylate	9.44	41	156323	50.65	ug/l	95
49) 1,4-Dioxane	9.48	88	51146	1082.15	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	1028057	231.27	ug/l	100
52) Toluene	10.39	92	868943	54.27	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	393420	50.54	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	485725	52.34	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	228448	49.68	ug/l	98
56) Ethyl methacrylate	10.65	69	267715	44.89	ug/l	99
57) 1,3-Dichloropropane	10.94	76	391932	49.38	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	655900	258.27	ug/l	99
59) 2-Hexanone	10.98	43	728261	241.79	ug/l	99
60) Dibromochloromethane	11.13	129	262577	50.89	ug/l	100
61) 1,2-Dibromoethane	11.24	107	211912	48.21	ug/l	99
64) Tetrachloroethene	10.87	164	303767	53.86	ug/l	98
65) Chlorobenzene	11.66	112	935473	52.67	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	315204	52.56	ug/l	98
67) Ethyl Benzene	11.74	91	1690125	56.13	ug/l	99
68) m/p-Xylenes	11.85	106	1319569	112.64	ug/l	99
69) o-Xylene	12.17	106	611559	56.39	ug/l	98
70) Styrene	12.19	104	1019893	55.99	ug/l	100
71) Bromoform	12.35	173	151638	47.90	ug/l #	99
73) Isopropylbenzene	12.47	105	1727839	57.89	ug/l	100
74) N-amyl acetate	12.28	43	293318	42.61	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	262263	47.43	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	179085m	46.31	ug/l	
77) Bromobenzene	12.76	156	379057	52.47	ug/l	98
78) n-propylbenzene	12.81	91	2113854	58.04	ug/l	100
79) 2-Chlorotoluene	12.90	91	1167466	55.61	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1463399	57.71	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	79891	48.01	ug/l	98
82) 4-Chlorotoluene	12.99	91	1196914	53.66	ug/l	99
83) tert-Butylbenzene	13.21	119	1250843	57.67	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1478728	56.68	ug/l	99
85) sec-Butylbenzene	13.39	105	1865695	57.62	ug/l	100
86) p-Isopropyltoluene	13.51	119	1643863	58.34	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	788496	53.66	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	773757	52.68	ug/l	100
89) n-Butylbenzene	13.83	91	1567717	57.55	ug/l	100
90) Hexachloroethane	14.10	117	278522	54.23	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	687319	52.07	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	40192	46.51	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	497869	53.33	ug/l	99
94) Hexachlorobutadiene	15.24	225	322208	56.23	ug/l	99
95) Naphthalene	15.38	128	805208	44.90	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	428565	51.77	ug/l	98

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

