

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121518\
 Data File : VW007449.D
 Acq On : 12 Dec 2018 20:11
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Quant Time: Dec 13 04:25:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

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 12/13/2018 4:39:40 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	82699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	134259	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	121538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	61534	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	46286	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
35) Dibromofluoromethane	7.88	113	42564	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
50) Toluene-d8	10.32	98	160043	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.62	95	60986	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25491	44.109	ug/l	95
3) Chloromethane	2.21	50	21083	43.560	ug/l	94
4) Vinyl Chloride	2.37	62	25265	44.482	ug/l	97
5) Bromomethane	2.78	94	17845	46.761	ug/l	93
6) Chloroethane	2.93	64	14616	46.748	ug/l #	86
7) Trichlorofluoromethane	3.26	101	24131	47.256	ug/l	97
8) Diethyl Ether	3.68	74	19871	49.718	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41843	49.660	ug/l	99
10) Methyl Iodide	4.27	142	67152	48.120	ug/l	97
11) Tert butyl alcohol	5.18	59	16279	258.350	ug/l	97
12) 1,1-Dichloroethene	4.03	96	40470	49.886	ug/l	90
13) Acrolein	3.89	56	12130	290.928	ug/l	100
14) Allyl chloride	4.66	41	56802	47.501	ug/l	98
15) Acrylonitrile	5.36	53	45587	270.570	ug/l	99
16) Acetone	4.12	43	44127	275.352	ug/l	96
17) Carbon Disulfide	4.37	76	117690	47.846	ug/l	100
18) Methyl Acetate	4.67	43	22305	51.281	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	62010	50.669	ug/l	99
20) Methylene Chloride	4.91	84	43350	49.420	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	44162	48.663	ug/l	98
22) Diisopropyl ether	6.31	45	111671	48.584	ug/l	95
23) Vinyl Acetate	6.25	43	340557	264.895	ug/l	97
24) 1,1-Dichloroethane	6.21	63	74815	48.160	ug/l	100
25) 2-Butanone	7.17	43	58193	278.149	ug/l	99
26) 2,2-Dichloropropane	7.16	77	50170	48.798	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	48772	49.082	ug/l	98
28) Bromochloromethane	7.51	49	28361	48.536	ug/l	100
29) Tetrahydrofuran	7.53	42	35863	270.772	ug/l	96
30) Chloroform	7.68	83	84725	50.117	ug/l	98
31) Cyclohexane	7.95	56	64194	45.039	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	72796	49.104	ug/l	100
36) 1,1-Dichloropropene	8.08	75	62910	51.365	ug/l	99
37) Ethyl Acetate	7.25	43	25393	55.744	ug/l	98
38) Carbon Tetrachloride	8.07	117	70458	52.871	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	78326	52.814	ug/l	94
40) Benzene	8.32	78	174398	51.310	ug/l	99
41) Methacrylonitrile	7.49	41	14728	56.776	ug/l	95
42) 1,2-Dichloroethane	8.40	62	57852	54.184	ug/l	99
43) Isopropyl Acetate	8.43	43	51193	56.893	ug/l	99
44) Trichloroethene	9.09	130	50941	52.485	ug/l	99
45) 1,2-Dichloropropane	9.37	63	41188	52.366	ug/l	99
46) Dibromomethane	9.46	93	24562	54.989	ug/l	98
47) Bromodichloromethane	9.64	83	62723	53.535	ug/l	96
48) Methyl methacrylate	9.44	41	24947	53.983	ug/l	95
49) 1,4-Dioxane	9.44	88	8195	1130.732	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	127413	299.681	ug/l	99
52) Toluene	10.39	92	116693	53.052	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	64016	56.281	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	70270	53.441	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	34323	56.460	ug/l	96
56) Ethyl methacrylate	10.65	69	43126	59.021	ug/l	99
57) 1,3-Dichloropropane	10.93	76	57571	57.697	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	90995	270.049	ug/l	99
59) 2-Hexanone	10.97	43	90687	319.886	ug/l	98
60) Dibromochloromethane	11.13	129	44091	57.471	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34345	57.169	ug/l	96
64) Tetrachloroethene	10.86	164	42686	48.839	ug/l	93
65) Chlorobenzene	11.66	112	131130	51.764	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	47069	52.756	ug/l	99
67) Ethyl Benzene	11.73	91	229716	52.744	ug/l	93
68) m/p-Xylenes	11.84	106	179060	105.754	ug/l	98
69) o-Xylene	12.17	106	84457	53.410	ug/l	98
70) Styrene	12.18	104	140045	54.831	ug/l	99
71) Bromoform	12.35	173	25253	55.298	ug/l #	98
73) Isopropylbenzene	12.47	105	235623	49.973	ug/l	98
74) N-amyl acetate	12.27	43	46902	54.734	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	38652	55.348	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	24380m	48.052	ug/l	
77) Bromobenzene	12.75	156	53787	51.465	ug/l	95
78) n-propylbenzene	12.81	91	276351	52.080	ug/l	100
79) 2-Chlorotoluene	12.90	91	159982	49.828	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	202842	51.200	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12523	54.524	ug/l	95
82) 4-Chlorotoluene	12.99	91	169045	49.948	ug/l	97
83) tert-Butylbenzene	13.21	119	177473	50.840	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	204508	50.163	ug/l	99
85) sec-Butylbenzene	13.39	105	245781	51.576	ug/l	96
86) p-Isopropyltoluene	13.51	119	222422	51.954	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	107130	51.412	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	106679	50.924	ug/l	97
89) n-Butylbenzene	13.83	91	205775	51.848	ug/l	98
90) Hexachloroethane	14.10	117	38565	50.627	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	96297	51.597	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7949	56.721	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	67256	52.364	ug/l	96
94) Hexachlorobutadiene	15.24	225	33991	49.878	ug/l	99
95) Naphthalene	15.37	128	139284	56.686	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	57431	51.474	ug/l	94

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

