

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112018\
 Data File : VW006951.D
 Acq On : 19 Nov 2018 19:18
 Operator : SY/AP
 Sample : VW1120SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

Manual Integrations
 APPROVED

sam
 11/20/2018 5:56:13 PM

Quant Time: Nov 20 05:39:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 04:45:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	122626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	196023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	187740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	94012	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	65883	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	7.89	113	57917	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	10.33	98	245278	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.62	95	97595	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	26543	22.608	ug/l	97
3) Chloromethane	2.21	50	21338	20.190	ug/l	98
4) Vinyl Chloride	2.36	62	21305	21.265	ug/l	100
5) Bromomethane	2.78	94	10768	20.009	ug/l	97
6) Chloroethane	2.92	64	11346	20.564	ug/l	95
7) Trichlorofluoromethane	3.26	101	40605	20.824	ug/l	97
8) Diethyl Ether	3.69	74	13870	19.656	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	26436	20.993	ug/l	96
10) Methyl Iodide	4.28	142	26872	19.492	ug/l	99
11) Tert butyl alcohol	5.20	59	10152	97.647	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	22875	20.247	ug/l	95
13) Acrolein	3.90	56	10736	113.884	ug/l	96
14) Allyl chloride	4.68	41	38165	19.203	ug/l	99
15) Acrylonitrile	5.38	53	27294	99.385	ug/l	100
16) Acetone	4.14	43	20514	98.138	ug/l	95
17) Carbon Disulfide	4.39	76	71950	20.131	ug/l	100
18) Methyl Acetate	4.68	43	14040	18.354	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	69004	20.835	ug/l	96
20) Methylene Chloride	4.92	84	32357	20.484	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	27132	20.132	ug/l	94
22) Diisopropyl ether	6.32	45	79883	19.691	ug/l	96
23) Vinyl Acetate	6.26	43	218549	97.286	ug/l	100
24) 1,1-Dichloroethane	6.23	63	45648	19.541	ug/l	99
25) 2-Butanone	7.18	43	36546	105.273	ug/l	100
26) 2,2-Dichloropropane	7.17	77	41133	20.181	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	29527	19.706	ug/l	98
28) Bromochloromethane	7.52	49	17137	19.974	ug/l #	96
29) Tetrahydrofuran	7.54	42	23194	102.735	ug/l	98
30) Chloroform	7.68	83	49054	19.155	ug/l	98
31) Cyclohexane	7.96	56	50020	21.374	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	45808	20.777	ug/l	99
36) 1,1-Dichloropropene	8.09	75	41296	22.114	ug/l	99
37) Ethyl Acetate	7.26	43	16810	21.171	ug/l	100
38) Carbon Tetrachloride	8.07	117	39127	21.320	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	48567	20.956	ug/l	99
40) Benzene	8.33	78	109472	20.742	ug/l	100
41) Methacrylonitrile	7.49	41	9860	20.275	ug/l	95
42) 1,2-Dichloroethane	8.40	62	32711	20.703	ug/l	100
43) Isopropyl Acetate	8.43	43	30406	19.958	ug/l	100
44) Trichloroethene	9.10	130	30599	21.563	ug/l	98
45) 1,2-Dichloropropane	9.37	63	27910	20.935	ug/l	97
46) Dibromomethane	9.46	93	13966	20.686	ug/l	97
47) Bromodichloromethane	9.65	83	37820	21.274	ug/l	99
48) Methyl methacrylate	9.44	41	13793	18.762	ug/l	98
49) 1,4-Dioxane	9.47	88	3840	375.334	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	77940	103.799	ug/l	98
52) Toluene	10.39	92	73510	20.819	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	35213	20.268	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	43768	21.051	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	21027	21.122	ug/l	97
56) Ethyl methacrylate	10.65	69	24109	19.479	ug/l	94
57) 1,3-Dichloropropane	10.93	76	35608	21.024	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	65163	107.094	ug/l	99
59) 2-Hexanone	10.98	43	52973	105.411	ug/l	98
60) Dibromochloromethane	11.13	129	24037	21.174	ug/l	98
61) 1,2-Dibromoethane	11.24	107	19162	20.711	ug/l	100
64) Tetrachloroethene	10.87	164	24163	19.994	ug/l	97
65) Chlorobenzene	11.66	112	81334	20.517	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	24952	19.752	ug/l	97
67) Ethyl Benzene	11.74	91	147500	20.638	ug/l	98
68) m/p-Xylenes	11.84	106	116126	41.724	ug/l	99
69) o-Xylene	12.17	106	54375	20.585	ug/l	99
70) Styrene	12.18	104	88055	20.729	ug/l	99
71) Bromoform	12.35	173	12357	20.982	ug/l #	98
73) Isopropylbenzene	12.47	105	147909	19.866	ug/l	100
74) N-amyl acetate	12.27	43	26433	17.740	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	22031	20.117	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	20333m	26.913	ug/l	
77) Bromobenzene	12.75	156	32531	20.616	ug/l	97
78) n-propylbenzene	12.81	91	177858	19.881	ug/l	99
79) 2-Chlorotoluene	12.90	91	103864	19.810	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	128638	20.065	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	6127	18.461	ug/l	96
82) 4-Chlorotoluene	12.99	91	109439	19.798	ug/l	99
83) tert-Butylbenzene	13.21	119	110647	20.324	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	128052	19.882	ug/l	98
85) sec-Butylbenzene	13.39	105	156932	20.202	ug/l	99
86) p-Isopropyltoluene	13.51	119	138228	20.360	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	66886	20.729	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	66200	20.586	ug/l	98
89) n-Butylbenzene	13.83	91	129204	20.105	ug/l	99
90) Hexachloroethane	14.10	117	19126	17.280	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	59591	20.653	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3596	18.975	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	37274	20.532	ug/l	99
94) Hexachlorobutadiene	15.24	225	19374	20.203	ug/l	97
95) Naphthalene	15.38	128	67649	19.340	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	30499	19.598	ug/l	98

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

