

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111318\
 Data File : VW006850.D
 Acq On : 13 Nov 2018 13:30
 Operator : SY/AP
 Sample : VW1113SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBS01

Manual Integrations
 APPROVED

apatel
 11/14/2018 12:48:45 PM

Quant Time: Nov 13 15:38:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	352683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	463936	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	445116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	257411	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	121611	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
35) Dibromofluoromethane	7.89	113	128384	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
50) Toluene-d8	10.33	98	518406	45.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.54%	
62) 4-Bromofluorobenzene	12.62	95	198115	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	65309	22.431	ug/l	98
3) Chloromethane	2.21	50	69768	21.255	ug/l	99
4) Vinyl Chloride	2.36	62	73798	20.944	ug/l	100
5) Bromomethane	2.78	94	52287	22.057	ug/l	96
6) Chloroethane	2.92	64	45229	19.892	ug/l	99
7) Trichlorofluoromethane	3.26	101	100384	21.583	ug/l	97
8) Diethyl Ether	3.69	74	29849	21.871	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	67074	21.268	ug/l	98
10) Methyl Iodide	4.28	142	81389	18.413	ug/l	100
11) Tert butyl alcohol	5.24	59	18156	107.280	ug/l #	86
12) 1,1-Dichloroethene	4.04	96	56149	21.077	ug/l	95
13) Acrolein	3.91	56	20407	115.292	ug/l	100
14) Allyl chloride	4.68	41	73492	20.975	ug/l	99
15) Acrylonitrile	5.38	53	54275	105.007	ug/l	98
16) Acetone	4.16	43	38047	102.755	ug/l	93
17) Carbon Disulfide	4.39	76	165671	19.665	ug/l	99
18) Methyl Acetate	4.68	43	25744	20.326	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	142842	22.585	ug/l	100
20) Methylene Chloride	4.92	84	72539	18.215	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	65671	20.903	ug/l	99
22) Diisopropyl ether	6.32	45	152572	20.967	ug/l	97
23) Vinyl Acetate	6.26	43	454759	110.857	ug/l	98
24) 1,1-Dichloroethane	6.23	63	99123	20.539	ug/l	99
25) 2-Butanone	7.19	43	67220	107.349	ug/l	100
26) 2,2-Dichloropropane	7.17	77	102663	21.142	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	71094	21.225	ug/l	99
28) Bromochloromethane	7.52	49	34079	20.188	ug/l	97
29) Tetrahydrofuran	7.54	42	42170	105.232	ug/l	98
30) Chloroform	7.68	83	109521	20.784	ug/l	97
31) Cyclohexane	7.96	56	107466	21.754	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	111628	21.947	ug/l	100
36) 1,1-Dichloropropene	8.09	75	96029	22.119	ug/l	99
37) Ethyl Acetate	7.26	43	32152	22.648	ug/l	98
38) Carbon Tetrachloride	8.07	117	103757	21.989	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	117299	20.825	ug/l	94
40) Benzene	8.33	78	252287	20.898	ug/l	100
41) Methacrylonitrile	7.49	41	18299	20.993	ug/l	95
42) 1,2-Dichloroethane	8.41	62	69509	21.490	ug/l	98
43) Isopropyl Acetate	8.43	43	60671	21.974	ug/l	98
44) Trichloroethene	9.10	130	83503	21.921	ug/l	98
45) 1,2-Dichloropropane	9.37	63	61335	21.799	ug/l	99
46) Dibromomethane	9.46	93	32842	20.969	ug/l	99
47) Bromodichloromethane	9.65	83	84452	21.739	ug/l	99
48) Methyl methacrylate	9.44	41	27716	20.475	ug/l	98
49) 1,4-Dioxane	9.48	88	9608	406.041	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	146650	105.927	ug/l	99
52) Toluene	10.39	92	177081	20.690	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	81178	21.226	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	97809	21.568	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	50987	21.938	ug/l	96
56) Ethyl methacrylate	10.65	69	54276	21.309	ug/l	99
57) 1,3-Dichloropropane	10.94	76	78223	21.253	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	134361	105.326	ug/l	99
59) 2-Hexanone	10.98	43	103338	108.214	ug/l	98
60) Dibromochloromethane	11.13	129	60198	21.168	ug/l	99
61) 1,2-Dibromoethane	11.24	107	47522	21.530	ug/l	98
64) Tetrachloroethene	10.87	164	73328	20.557	ug/l	100
65) Chlorobenzene	11.66	112	205805	20.841	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	66762	20.835	ug/l	100
67) Ethyl Benzene	11.74	91	356966	21.204	ug/l	100
68) m/p-Xylenes	11.85	106	294429	42.746	ug/l	99
69) o-Xylene	12.17	106	137267	21.413	ug/l	98
70) Styrene	12.19	104	217346	21.183	ug/l	100
71) Bromoform	12.35	173	36120	20.655	ug/l #	99
73) Isopropylbenzene	12.47	105	373731	20.916	ug/l	99
74) N-amyl acetate	12.28	43	57706	21.359	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	51337	20.770	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	32981m	17.779	ug/l	
77) Bromobenzene	12.75	156	93830	20.829	ug/l	98
78) n-propylbenzene	12.81	91	440966	20.910	ug/l	100
79) 2-Chlorotoluene	12.90	91	246072	20.798	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	325631	21.200	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	14987	19.984	ug/l	99
82) 4-Chlorotoluene	12.99	91	262428	20.789	ug/l	99
83) tert-Butylbenzene	13.21	119	284978	20.989	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	327386	20.944	ug/l	99
85) sec-Butylbenzene	13.39	105	403694	20.982	ug/l	99
86) p-Isopropyltoluene	13.51	119	368018	21.029	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	190761	20.777	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	190337	20.954	ug/l	99
89) n-Butylbenzene	13.83	91	333307	20.840	ug/l	99
90) Hexachloroethane	14.10	117	55071	19.666	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	168942	21.130	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8248	20.843	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	127667	21.149	ug/l	99
94) Hexachlorobutadiene	15.24	225	80107	20.942	ug/l	100
95) Naphthalene	15.38	128	194283	21.519	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	107004	20.656	ug/l	100

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

