

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW006996.D
 Acq On : 21 Nov 2018 12:46
 Operator : VAY/AP
 Sample : VW1122SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Manual Integrations
 APPROVED

apatel
 11/26/2018 12:19:05 PM

Quant Time: Nov 21 16:36:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	117741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	183735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	169944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	84413	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	62786	54.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.94%	
35) Dibromofluoromethane	7.88	113	57460	55.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.76%	
50) Toluene-d8	10.32	98	253573	55.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.68%	
62) 4-Bromofluorobenzene	12.62	95	96219	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	3106	2.672	ug/l 94
3) Chloromethane	2.21	50	7466	7.706	ug/l 99
4) Vinyl Chloride	2.36	62	9807	10.289	ug/l 99
5) Bromomethane	2.78	94	8086	15.894	ug/l 89
6) Chloroethane	2.92	64	7169	13.644	ug/l 96
7) Trichlorofluoromethane	3.26	101	31537	16.826	ug/l 100
8) Diethyl Ether	3.69	74	11519	19.073	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	22734	18.709	ug/l 99
10) Methyl Iodide	4.27	142	17766	12.772	ug/l 99
11) Tert butyl alcohol	5.22	59	6978	92.990	ug/l 95
12) 1,1-Dichloroethene	4.04	96	18963	17.794	ug/l 99
13) Acrolein	3.90	56	7865	102.059	ug/l 99
14) Allyl chloride	4.68	41	32913	18.620	ug/l 99
15) Acrylonitrile	5.38	53	21095	92.933	ug/l 97
16) Acetone	4.15	43	15863	94.784	ug/l 99
17) Carbon Disulfide	4.38	76	49702	14.425	ug/l 100
18) Methyl Acetate	4.68	43	11080	18.591	ug/l 99
19) Methyl tert-butyl Ether	5.43	73	54735	19.670	ug/l 98
20) Methylene Chloride	4.92	84	29947	19.118	ug/l 99
21) trans-1,2-Dichloroethene	5.42	96	23527	18.951	ug/l 99
22) Diisopropyl ether	6.32	45	67738	19.688	ug/l 96
23) Vinyl Acetate	6.26	43	182830	100.069	ug/l 99
24) 1,1-Dichloroethane	6.22	63	40539	19.369	ug/l 98
25) 2-Butanone	7.18	43	27426	95.680	ug/l 99
26) 2,2-Dichloropropane	7.17	77	39526	21.000	ug/l 100
27) cis-1,2-Dichloroethene	7.18	96	25859	19.560	ug/l 96
28) Bromochloromethane	7.51	49	14591	18.652	ug/l 97
29) Tetrahydrofuran	7.54	42	17498	94.256	ug/l 99
30) Chloroform	7.68	83	44029	19.801	ug/l 98
31) Cyclohexane	7.96	56	44266	19.939	ug/l 98
32) 1,1,1-Trichloroethane	7.87	97	42596	21.268	ug/l 99
36) 1,1-Dichloropropene	8.08	75	37014	20.615	ug/l 98
37) Ethyl Acetate	7.26	43	12802	19.676	ug/l 100
38) Carbon Tetrachloride	8.07	117	37036	21.541	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	43849	19.516	ug/l	97
40) Benzene	8.32	78	95346	19.673	ug/l	99
41) Methacrylonitrile	7.49	41	7709	19.079	ug/l	98
42) 1,2-Dichloroethane	8.40	62	27230	19.352	ug/l	100
43) Isopropyl Acetate	8.43	43	24705	19.925	ug/l	98
44) Trichloroethene	9.09	130	28097	20.680	ug/l	100
45) 1,2-Dichloropropane	9.37	63	24594	20.586	ug/l	100
46) Dibromomethane	9.46	93	11778	19.686	ug/l	97
47) Bromodichloromethane	9.65	83	33088	20.990	ug/l	94
48) Methyl methacrylate	9.43	41	10956	18.326	ug/l	98
49) 1,4-Dioxane	9.48	88	3238	364.125	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	59398	94.797	ug/l	100
52) Toluene	10.39	92	65759	19.937	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	30516	19.984	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	36951	20.029	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	17137	19.468	ug/l	96
56) Ethyl methacrylate	10.65	69	19695	19.275	ug/l	100
57) 1,3-Dichloropropane	10.93	76	29795	20.198	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	54661	102.374	ug/l	100
59) 2-Hexanone	10.97	43	41647	97.061	ug/l	99
60) Dibromochloromethane	11.13	129	20036	19.976	ug/l	97
61) 1,2-Dibromoethane	11.24	107	16187	20.102	ug/l	98
64) Tetrachloroethene	10.87	164	22561	20.636	ug/l	95
65) Chlorobenzene	11.66	112	74012	20.866	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	22595	21.058	ug/l	99
67) Ethyl Benzene	11.73	91	133755	20.527	ug/l	98
68) m/p-Xylenes	11.84	106	106426	41.631	ug/l	99
69) o-Xylene	12.17	106	49349	20.472	ug/l	99
70) Styrene	12.18	104	79824	20.806	ug/l	99
71) Bromoform	12.35	173	10190	20.160	ug/l #	99
73) Isopropylbenzene	12.47	105	138256	21.074	ug/l	99
74) N-amyl acetate	12.27	43	21890	19.909	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	17246	19.753	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	10888m	16.415	ug/l	
77) Bromobenzene	12.75	156	28804	20.442	ug/l	98
78) n-propylbenzene	12.81	91	167326	21.056	ug/l	99
79) 2-Chlorotoluene	12.90	91	94359	20.593	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	117925	20.786	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	5248	19.863	ug/l	96
82) 4-Chlorotoluene	12.99	91	99467	20.686	ug/l	100
83) tert-Butylbenzene	13.21	119	103117	20.994	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	117225	20.740	ug/l	100
85) sec-Butylbenzene	13.39	105	145023	20.900	ug/l	100
86) p-Isopropyltoluene	13.51	119	127805	20.878	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	59525	20.692	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	58848	20.518	ug/l	99
89) n-Butylbenzene	13.83	91	120976	21.000	ug/l	100
90) Hexachloroethane	14.10	117	18683	20.905	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	51780	20.543	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3053	20.704	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	32779	19.721	ug/l	99
94) Hexachlorobutadiene	15.24	225	18606	20.591	ug/l	99
95) Naphthalene	15.38	128	57073	18.916	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	27110	19.660	ug/l	99

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

