

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004130.D
 Acq On : 23 Jul 2018 12:10
 Operator : SY/AP
 Sample : VW0723SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS01

Manual Integrations
 APPROVED

apatel
 7/24/2018 11:49:38 AM

Quant Time: Jul 23 15:16:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	282085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	429568	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	397840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	207821	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	154975	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
35) Dibromofluoromethane	7.88	113	142038	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
50) Toluene-d8	10.33	98	566516	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
62) 4-Bromofluorobenzene	12.62	95	199915	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26893	16.98	ug/l	97
3) Chloromethane	2.21	50	46032	22.08	ug/l	99
4) Vinyl Chloride	2.36	62	58741	20.48	ug/l	98
5) Bromomethane	2.78	94	36475	20.35	ug/l	95
6) Chloroethane	2.92	64	32737	20.09	ug/l	100
7) Trichlorofluoromethane	3.25	101	28607	23.76	ug/l	93
8) Diethyl Ether	3.67	74	26905	19.25	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	57977	20.87	ug/l	98
10) Methyl Iodide	4.26	142	83173	20.84	ug/l	99
11) Tert butyl alcohol	5.21	59	16732	76.87	ug/l #	86
12) 1,1-Dichloroethene	4.03	96	57286	20.90	ug/l	94
13) Acrolein	3.89	56	18684	83.54	ug/l	97
14) Allyl chloride	4.66	41	96401	21.30	ug/l	99
15) Acrylonitrile	5.37	53	63643	88.87	ug/l	100
16) Acetone	4.14	43	64684	85.37	ug/l	100
17) Carbon Disulfide	4.37	76	182427	21.32	ug/l	99
18) Methyl Acetate	4.67	43	29482	16.21	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	98227	18.70	ug/l	99
20) Methylene Chloride	4.91	84	70603	15.72	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	60969	20.29	ug/l	96
22) Diisopropyl ether	6.31	45	189196	20.69	ug/l	99
23) Vinyl Acetate	6.26	43	531922	91.80	ug/l	100
24) 1,1-Dichloroethane	6.21	63	115282	20.66	ug/l	99
25) 2-Butanone	7.18	43	85430	83.78	ug/l	95
26) 2,2-Dichloropropane	7.17	77	70198	21.92	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	64617	19.89	ug/l	99
28) Bromochloromethane	7.51	49	45941	20.12	ug/l	99
29) Tetrahydrofuran	7.54	42	51527	81.13	ug/l	100
30) Chloroform	7.68	83	113465	20.44	ug/l	100
31) Cyclohexane	7.95	56	107837	20.62	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	92284	21.29	ug/l	100
36) 1,1-Dichloropropene	8.08	75	92802	21.00	ug/l	99
37) Ethyl Acetate	7.26	43	37047	17.38	ug/l	99
38) Carbon Tetrachloride	8.07	117	87246	21.13	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	105622	20.41	ug/l	95
40) Benzene	8.32	78	259130	21.13	ug/l	100
41) Methacrylonitrile	7.49	41	23398	19.81	ug/l #	85
42) 1,2-Dichloroethane	8.40	62	74405	19.89	ug/l	100
43) Isopropyl Acetate	8.43	43	68007	17.06	ug/l	98
44) Trichloroethene	9.09	130	66826	21.02	ug/l	91
45) 1,2-Dichloropropane	9.37	63	64935	20.75	ug/l	100
46) Dibromomethane	9.46	93	31258	19.25	ug/l	98
47) Bromodichloromethane	9.65	83	80389	20.08	ug/l	97
48) Methyl methacrylate	9.44	41	33080	17.16	ug/l	95
49) 1,4-Dioxane	9.47	88	9607	384.86	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	181079	85.25	ug/l	100
52) Toluene	10.39	92	162156	21.39	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	80755	19.29	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	95554	19.95	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	45383	19.87	ug/l	97
56) Ethyl methacrylate	10.65	69	50313	17.44	ug/l	97
57) 1,3-Dichloropropane	10.93	76	77199	19.45	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	132480	97.78	ug/l	100
59) 2-Hexanone	10.98	43	128840	86.06	ug/l	97
60) Dibromochloromethane	11.13	129	52029	19.56	ug/l	99
61) 1,2-Dibromoethane	11.24	107	42342	19.48	ug/l	98
64) Tetrachloroethene	10.87	164	55092	20.18	ug/l	98
65) Chlorobenzene	11.66	112	169263	20.01	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	58719	19.97	ug/l	100
67) Ethyl Benzene	11.74	91	293283	19.74	ug/l	99
68) m/p-Xylenes	11.85	106	231781	40.81	ug/l	97
69) o-Xylene	12.17	106	105388	20.00	ug/l	100
70) Styrene	12.19	104	176618	20.07	ug/l	100
71) Bromoform	12.35	173	30417	18.33	ug/l #	97
73) Isopropylbenzene	12.47	105	295444	20.12	ug/l	100
74) N-amyl acetate	12.28	43	64825	16.94	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	53333	18.78	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	43654m	21.16	ug/l	
77) Bromobenzene	12.76	156	69038	19.65	ug/l	100
78) n-propylbenzene	12.81	91	371656	20.63	ug/l	100
79) 2-Chlorotoluene	12.90	91	209744	20.64	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	253170	20.49	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	16201	17.37	ug/l	97
82) 4-Chlorotoluene	12.99	91	222751	20.43	ug/l	99
83) tert-Butylbenzene	13.21	119	209974	20.24	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	262990	20.68	ug/l	99
85) sec-Butylbenzene	13.39	105	316432	20.55	ug/l	100
86) p-Isopropyltoluene	13.51	119	278957	20.66	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	143144	20.40	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	140687	19.99	ug/l	99
89) n-Butylbenzene	13.83	91	267509	20.15	ug/l	100
90) Hexachloroethane	14.10	117	49841	20.02	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	126438	20.22	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8444	16.72	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	86980	19.81	ug/l	100
94) Hexachlorobutadiene	15.25	225	52243	20.72	ug/l	100
95) Naphthalene	15.38	128	140753	17.36	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	74905	19.26	ug/l	99

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

