

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111318\
 Data File : VW006849.D
 Acq On : 13 Nov 2018 13:05
 Operator : SY/AP
 Sample : VW1113SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBS01

Manual Integrations
 APPROVED

apatel
 11/14/2018 12:48:42 PM

Quant Time: Nov 13 15:41:28 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	7.95	168	351593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	459860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	440167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	251223	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	118156	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
35) Dibromofluoromethane	7.89	113	126773	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	
50) Toluene-d8	10.33	98	517480	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	
62) 4-Bromofluorobenzene	12.62	95	195639	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	63517	21.883	ug/l	100
3) Chloromethane	2.21	50	69209	21.150	ug/l	99
4) Vinyl Chloride	2.36	62	73426	20.903	ug/l	100
5) Bromomethane	2.78	94	51538	21.809	ug/l	100
6) Chloroethane	2.92	64	45590	20.113	ug/l	99
7) Trichlorofluoromethane	3.26	101	100034	21.574	ug/l	95
8) Diethyl Ether	3.69	74	29454	21.648	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	67344	21.420	ug/l	98
10) Methyl Iodide	4.28	142	75891	17.223	ug/l	100
11) Tert butyl alcohol	5.21	59	16891	100.115	ug/l #	86
12) 1,1-Dichloroethene	4.04	96	56273	21.189	ug/l	96
13) Acrolein	3.90	56	17880	101.328	ug/l	98
14) Allyl chloride	4.68	41	71323	20.419	ug/l	98
15) Acrylonitrile	5.38	53	48913	94.927	ug/l	99
16) Acetone	4.15	43	34243	92.768	ug/l	95
17) Carbon Disulfide	4.39	76	163041	19.413	ug/l	99
18) Methyl Acetate	4.69	43	23143	18.329	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	134291	21.299	ug/l	100
20) Methylene Chloride	4.92	84	70067	17.468	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	65012	20.757	ug/l	97
22) Diisopropyl ether	6.32	45	150110	20.693	ug/l	98
23) Vinyl Acetate	6.26	43	421604	103.093	ug/l	98
24) 1,1-Dichloroethane	6.22	63	98469	20.467	ug/l	98
25) 2-Butanone	7.18	43	59678	95.600	ug/l	97
26) 2,2-Dichloropropane	7.17	77	103483	21.377	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	69560	20.832	ug/l	100
28) Bromochloromethane	7.52	49	33441	19.871	ug/l	98
29) Tetrahydrofuran	7.54	42	37855	94.757	ug/l	99
30) Chloroform	7.68	83	107517	20.467	ug/l	99
31) Cyclohexane	7.96	56	106482	21.622	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	110813	21.854	ug/l	99
36) 1,1-Dichloropropene	8.09	75	95051	22.087	ug/l	99
37) Ethyl Acetate	7.26	43	28524	20.270	ug/l	98
38) Carbon Tetrachloride	8.07	117	102569	21.929	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	116539	20.873	ug/l	98
40) Benzene	8.33	78	249378	20.840	ug/l	98
41) Methacrylonitrile	7.49	41	15304	17.712	ug/l #	89
42) 1,2-Dichloroethane	8.41	62	67149	20.945	ug/l	100
43) Isopropyl Acetate	8.43	43	53757	19.643	ug/l	99
44) Trichloroethene	9.09	130	81634	21.620	ug/l	99
45) 1,2-Dichloropropane	9.37	63	58565	20.999	ug/l	98
46) Dibromomethane	9.46	93	31402	20.227	ug/l	99
47) Bromodichloromethane	9.65	83	82321	21.379	ug/l	97
48) Methyl methacrylate	9.44	41	24444	18.218	ug/l	98
49) 1,4-Dioxane	9.48	88	8947	381.458	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	128528	93.660	ug/l	100
52) Toluene	10.39	92	174496	20.569	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	76475	20.174	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	94187	20.953	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	47131	20.459	ug/l	96
56) Ethyl methacrylate	10.65	69	50043	19.821	ug/l	99
57) 1,3-Dichloropropane	10.93	76	74579	20.442	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	129147	102.136	ug/l	100
59) 2-Hexanone	10.98	43	89907	94.984	ug/l	98
60) Dibromochloromethane	11.13	129	56912	20.190	ug/l	98
61) 1,2-Dibromoethane	11.24	107	45222	20.669	ug/l	99
64) Tetrachloroethene	10.87	164	72763	20.628	ug/l	98
65) Chlorobenzene	11.66	112	202059	20.692	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	64648	20.402	ug/l	99
67) Ethyl Benzene	11.74	91	354801	21.313	ug/l	100
68) m/p-Xylenes	11.85	106	289135	42.449	ug/l	99
69) o-Xylene	12.17	106	134765	21.259	ug/l	98
70) Styrene	12.18	104	212384	20.932	ug/l	99
71) Bromoform	12.35	173	33046	19.110	ug/l #	99
73) Isopropylbenzene	12.47	105	372457	21.359	ug/l	99
74) N-amyl acetate	12.28	43	52076	19.750	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	46177	19.142	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	35645m	19.688	ug/l	
77) Bromobenzene	12.75	156	91191	20.742	ug/l	97
78) n-propylbenzene	12.81	91	437020	21.234	ug/l	100
79) 2-Chlorotoluene	12.90	91	244541	21.178	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	321421	21.441	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13661	18.664	ug/l	99
82) 4-Chlorotoluene	12.99	91	259429	21.057	ug/l	100
83) tert-Butylbenzene	13.21	119	281187	21.220	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	321383	21.066	ug/l	99
85) sec-Butylbenzene	13.39	105	398453	21.220	ug/l	100
86) p-Isopropyltoluene	13.51	119	363606	21.289	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	186462	20.809	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	185170	20.887	ug/l	99
89) n-Butylbenzene	13.83	91	328253	21.030	ug/l	100
90) Hexachloroethane	14.10	117	54610	19.982	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	163606	20.966	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6970	18.047	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	120553	20.462	ug/l	98
94) Hexachlorobutadiene	15.24	225	80032	21.438	ug/l	100
95) Naphthalene	15.38	128	175364	19.902	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	100827	19.943	ug/l	99

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

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