

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101018\
 Data File : VW005951.D
 Acq On : 09 Oct 2018 21:30
 Operator : SY/AP
 Sample : VW1010SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD01

Manual Integrations
 APPROVED

apatel
 10/10/2018 11:34:48 AM

Quant Time: Oct 10 01:20:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	223004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	334393	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	307277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171023	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	108753	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
35) Dibromofluoromethane	7.88	113	108860	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
50) Toluene-d8	10.32	98	416773	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
62) 4-Bromofluorobenzene	12.62	95	154320	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	21856	20.000	ug/l	93
3) Chloromethane	2.21	50	26904	20.930	ug/l	95
4) Vinyl Chloride	2.37	62	44202	21.660	ug/l	97
5) Bromomethane	2.78	94	38527	23.921	ug/l	97
6) Chloroethane	2.93	64	30381	23.367	ug/l	98
7) Trichlorofluoromethane	3.25	101	32635	20.146	ug/l	99
8) Diethyl Ether	3.68	74	25559	25.637	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41811	20.452	ug/l	97
10) Methyl Iodide	4.27	142	68054	20.355	ug/l	100
11) Tert butyl alcohol	5.18	59	19381	122.155	ug/l	98
12) 1,1-Dichloroethene	4.03	96	39041	19.887	ug/l	94
13) Acrolein	3.89	56	15199	107.499	ug/l	97
14) Allyl chloride	4.66	41	57131	17.066	ug/l	97
15) Acrylonitrile	5.37	53	45537	104.955	ug/l	100
16) Acetone	4.12	43	41238	95.366	ug/l	99
17) Carbon Disulfide	4.38	76	104412	17.593	ug/l	98
18) Methyl Acetate	4.67	43	21282	19.503	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	65717	21.517	ug/l	95
20) Methylene Chloride	4.92	84	45675	21.083	ug/l	90
21) trans-1,2-Dichloroethene	5.42	96	43524	20.342	ug/l	96
22) Diisopropyl ether	6.31	45	120189	19.205	ug/l	97
23) Vinyl Acetate	6.26	43	371715	96.503	ug/l	98
24) 1,1-Dichloroethane	6.21	63	76210	19.899	ug/l	99
25) 2-Butanone	7.17	43	62209	101.147	ug/l	98
26) 2,2-Dichloropropane	7.17	77	49717	18.446	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	50165	20.732	ug/l	97
28) Bromochloromethane	7.51	49	28862	20.417	ug/l	93
29) Tetrahydrofuran	7.53	42	40168	103.315	ug/l	97
30) Chloroform	7.68	83	81740	20.779	ug/l	98
31) Cyclohexane	7.95	56	67124	17.711	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	68848	19.653	ug/l	100
36) 1,1-Dichloropropene	8.08	75	60602	18.914	ug/l	98
37) Ethyl Acetate	7.26	43	27614	20.351	ug/l	99
38) Carbon Tetrachloride	8.07	117	64429	18.716	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	78465	18.567	ug/l	96
40) Benzene	8.32	78	172588	19.680	ug/l	99
41) Methacrylonitrile	7.48	41	14439	16.997	ug/l #	86
42) 1,2-Dichloroethane	8.40	62	52639	19.868	ug/l	99
43) Isopropyl Acetate	8.43	43	54649	19.281	ug/l	99
44) Trichloroethene	9.09	130	52025	20.447	ug/l	97
45) 1,2-Dichloropropane	9.37	63	42435	19.331	ug/l	100
46) Dibromomethane	9.46	93	24803	20.559	ug/l	98
47) Bromodichloromethane	9.65	83	58512	19.273	ug/l	97
48) Methyl methacrylate	9.44	41	25397	18.810	ug/l	92
49) 1,4-Dioxane	9.45	88	8636	471.254	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	139314	100.935	ug/l	97
52) Toluene	10.39	92	114427	19.862	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	58539	18.451	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	67076	18.808	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	35277	21.111	ug/l	97
56) Ethyl methacrylate	10.65	69	44591	19.799	ug/l	96
57) 1,3-Dichloropropane	10.93	76	56763	20.192	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	98407	107.383	ug/l	99
59) 2-Hexanone	10.97	43	96143	97.148	ug/l	96
60) Dibromochloromethane	11.13	129	42801	19.849	ug/l	100
61) 1,2-Dibromoethane	11.24	107	34823	20.855	ug/l	99
64) Tetrachloroethene	10.87	164	46276	20.217	ug/l	99
65) Chlorobenzene	11.66	112	134036	20.364	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48526	20.114	ug/l	99
67) Ethyl Benzene	11.73	91	231129	19.881	ug/l	100
68) m/p-Xylenes	11.84	106	180632	39.758	ug/l	98
69) o-Xylene	12.17	106	85628	19.687	ug/l	100
70) Styrene	12.18	104	144104	19.968	ug/l	98
71) Bromoform	12.35	173	27297	18.995	ug/l #	99
73) Isopropylbenzene	12.47	105	240183	19.230	ug/l	100
74) N-amyl acetate	12.27	43	55178	18.602	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	41156	20.104	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	25593m	16.753	ug/l	
77) Bromobenzene	12.75	156	60367	20.400	ug/l	96
78) n-propylbenzene	12.81	91	282893	19.254	ug/l	100
79) 2-Chlorotoluene	12.90	91	161169	19.432	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	205751	19.512	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11876	16.411	ug/l	96
82) 4-Chlorotoluene	12.99	91	170538	19.543	ug/l	99
83) tert-Butylbenzene	13.21	119	183335	19.548	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	210437	19.784	ug/l	99
85) sec-Butylbenzene	13.39	105	259551	19.716	ug/l	99
86) p-Isopropyltoluene	13.51	119	233632	19.734	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	120049	20.420	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	120819	20.681	ug/l	100
89) n-Butylbenzene	13.83	91	216789	19.426	ug/l	99
90) Hexachloroethane	14.10	117	39531	17.754	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	109233	20.928	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7156	18.757	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	84116	20.785	ug/l	100
94) Hexachlorobutadiene	15.24	225	50459	19.975	ug/l	99
95) Naphthalene	15.38	128	151945	21.782	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	74644	21.301	ug/l	100

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

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