

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005267.D
 Acq On : 11 Sep 2018 11:38
 Operator : SY/AP
 Sample : VW0911SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

Manual Integrations
 APPROVED

apatel
 9/12/2018 10:29:13 AM

Quant Time: Sep 11 12:43:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	456763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	636010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	610247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	346893	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	172466	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
35) Dibromofluoromethane	7.89	113	174494	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
50) Toluene-d8	10.33	98	877557	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
62) 4-Bromofluorobenzene	12.63	95	318024	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	90042	22.85	ug/l	99
3) Chloromethane	2.22	50	109271	20.74	ug/l	97
4) Vinyl Chloride	2.36	62	102228	21.14	ug/l	99
5) Bromomethane	2.76	94	78660	25.34	ug/l	100
6) Chloroethane	2.91	64	55919	20.99	ug/l	97
7) Trichlorofluoromethane	3.26	101	116540	21.30	ug/l	97
8) Diethyl Ether	3.69	74	38720	19.86	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	82798	21.19	ug/l	98
10) Methyl Iodide	4.28	142	63515	15.53	ug/l	99
11) Tert butyl alcohol	5.17	59	28280	101.22	ug/l	97
12) 1,1-Dichloroethene	4.04	96	75238	20.91	ug/l	99
13) Acrolein	3.90	56	27208	100.82	ug/l	100
14) Allyl chloride	4.68	41	107996	19.53	ug/l	100
15) Acrylonitrile	5.37	53	79755	90.67	ug/l	99
16) Acetone	4.13	43	55002	86.98	ug/l	91
17) Carbon Disulfide	4.38	76	255214	20.21	ug/l	98
18) Methyl Acetate	4.68	43	33796	17.90	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	168806	19.70	ug/l	97
20) Methylene Chloride	4.92	84	100882	19.45	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	88051	20.96	ug/l	96
22) Diisopropyl ether	6.32	45	221724	19.92	ug/l	95
23) Vinyl Acetate	6.26	43	602550	97.14	ug/l	98
24) 1,1-Dichloroethane	6.22	63	138169	20.17	ug/l	98
25) 2-Butanone	7.18	43	95890	96.13	ug/l	96
26) 2,2-Dichloropropane	7.17	77	129084	21.73	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	91880	20.44	ug/l	99
28) Bromochloromethane	7.52	49	50372	19.93	ug/l #	97
29) Tetrahydrofuran	7.54	42	59822	89.00	ug/l	99
30) Chloroform	7.68	83	141297	20.55	ug/l	98
31) Cyclohexane	7.96	56	149033	20.44	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	131918	21.24	ug/l	99
36) 1,1-Dichloropropene	8.09	75	125302	21.50	ug/l	100
37) Ethyl Acetate	7.26	43	42999	19.40	ug/l	99
38) Carbon Tetrachloride	8.07	117	119676	21.93	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	140745	18.19	ug/l	97
40) Benzene	8.33	78	359125	20.92	ug/l	100
41) Methacrylonitrile	7.49	41	23256	20.45	ug/l	95
42) 1,2-Dichloroethane	8.41	62	82811	20.16	ug/l	100
43) Isopropyl Acetate	8.43	43	76250	18.53	ug/l	97
44) Trichloroethene	9.10	130	100950	21.44	ug/l	91
45) 1,2-Dichloropropane	9.37	63	79151	19.18	ug/l	99
46) Dibromomethane	9.46	93	36671	18.16	ug/l	97
47) Bromodichloromethane	9.65	83	97264	19.69	ug/l	94
48) Methyl methacrylate	9.44	41	31766	14.86	ug/l	87
49) 1,4-Dioxane	9.45	88	13546	359.22	ug/l	90
51) 4-Methyl-2-Pentanone	10.22	43	205530	88.74	ug/l	100
52) Toluene	10.40	92	255816	20.50	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	107702	20.17	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	130366	20.39	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	66169	20.55	ug/l	96
56) Ethyl methacrylate	10.65	69	73173	17.92	ug/l	98
57) 1,3-Dichloropropane	10.94	76	106685	19.95	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	155654	87.72	ug/l	98
59) 2-Hexanone	10.98	43	150616	90.20	ug/l	99
60) Dibromochloromethane	11.13	129	73999	20.71	ug/l	98
61) 1,2-Dibromoethane	11.24	107	57718	19.54	ug/l	99
64) Tetrachloroethene	10.87	164	98407	21.74	ug/l	98
65) Chlorobenzene	11.66	112	285217	21.34	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	84959	21.29	ug/l	99
67) Ethyl Benzene	11.74	91	491183	21.10	ug/l	99
68) m/p-Xylenes	11.85	106	406092	43.29	ug/l	97
69) o-Xylene	12.17	106	183015	20.97	ug/l	100
70) Styrene	12.19	104	299805	21.05	ug/l	100
71) Bromoform	12.35	173	44480	20.55	ug/l	100
73) Isopropylbenzene	12.47	105	495906	20.23	ug/l	99
74) N-amyl acetate	12.28	43	82266	17.64	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	68282	18.54	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	48638m	18.23	ug/l	
77) Bromobenzene	12.76	156	118288	20.49	ug/l	97
78) n-propylbenzene	12.81	91	616267	20.94	ug/l	99
79) 2-Chlorotoluene	12.90	91	347168	20.57	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	432205	20.71	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	20973	18.43	ug/l	97
82) 4-Chlorotoluene	13.00	91	366632	20.66	ug/l	99
83) tert-Butylbenzene	13.21	119	378003	20.71	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	438298	20.90	ug/l	98
85) sec-Butylbenzene	13.39	105	523418	19.95	ug/l	98
86) p-Isopropyltoluene	13.51	119	479895	20.66	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	244681	20.18	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	242560	20.37	ug/l	100
89) n-Butylbenzene	13.83	91	437111	20.02	ug/l	99
90) Hexachloroethane	14.10	117	75414	20.27	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	218682	20.52	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11140	18.19	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	149550	19.84	ug/l	98
94) Hexachlorobutadiene	15.25	225	98585	20.42	ug/l	99
95) Naphthalene	15.38	128	215246	17.61	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	126242	19.46	ug/l	99

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

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