

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081218\
 Data File : VW004569.D
 Acq On : 09 Aug 2018 23:52
 Operator : SY/AP
 Sample : VW0812SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBSD01

Manual Integrations
 APPROVED

apatel
 8/10/2018 11:49:37 AM

Quant Time: Aug 10 05:26:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	675531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1073229	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1036562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	549914	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	373061	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
35) Dibromofluoromethane	7.88	113	360204	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	10.33	98	1436242	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
62) 4-Bromofluorobenzene	12.62	95	519252	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	99935	21.56	ug/l	100
3) Chloromethane	2.22	50	131701	20.39	ug/l	98
4) Vinyl Chloride	2.37	62	197107	21.85	ug/l	99
5) Bromomethane	2.78	94	117383	22.34	ug/l	95
6) Chloroethane	2.92	64	118271	21.94	ug/l	99
7) Trichlorofluoromethane	3.26	101	81718	24.52	ug/l	95
8) Diethyl Ether	3.68	74	86036	20.41	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	154655	21.01	ug/l	99
10) Methyl Iodide	4.26	142	239430	21.68	ug/l	100
11) Tert butyl alcohol	5.21	59	40402	92.27	ug/l	99
12) 1,1-Dichloroethene	4.03	96	155222	20.95	ug/l	99
13) Acrolein	3.89	56	53285	99.33	ug/l	99
14) Allyl chloride	4.66	41	240013	21.56	ug/l	99
15) Acrylonitrile	5.37	53	186122	99.36	ug/l	99
16) Acetone	4.14	43	191269	102.42	ug/l	100
17) Carbon Disulfide	4.38	76	514735	21.62	ug/l	97
18) Methyl Acetate	4.67	43	90868	19.51	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	201782	19.97	ug/l	96
20) Methylene Chloride	4.92	84	231768	20.11	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	169183	21.19	ug/l	97
22) Diisopropyl ether	6.31	45	502535	21.97	ug/l	99
23) Vinyl Acetate	6.26	43	1346881	97.98	ug/l	99
24) 1,1-Dichloroethane	6.21	63	309090	21.11	ug/l	100
25) 2-Butanone	7.18	43	288057	95.89	ug/l	97
26) 2,2-Dichloropropane	7.17	77	160963	20.95	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	181132	21.09	ug/l	99
28) Bromochloromethane	7.51	49	129819	20.38	ug/l	98
29) Tetrahydrofuran	7.54	42	149636	96.35	ug/l	98
30) Chloroform	7.68	83	303349	21.10	ug/l	99
31) Cyclohexane	7.96	56	282644	20.18	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	232893	21.56	ug/l	98
36) 1,1-Dichloropropene	8.08	75	238706	20.66	ug/l	100
37) Ethyl Acetate	7.26	43	102675	18.97	ug/l	98
38) Carbon Tetrachloride	8.07	117	214008	20.58	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	279692	19.75	ug/l	97
40) Benzene	8.32	78	708934	20.89	ug/l	100
41) Methacrylonitrile	7.49	41	56270	18.62	ug/l	98
42) 1,2-Dichloroethane	8.40	62	189746	20.21	ug/l	100
43) Isopropyl Acetate	8.43	43	177866	18.85	ug/l	100
44) Trichloroethene	9.09	130	170575	20.46	ug/l	100
45) 1,2-Dichloropropane	9.37	63	175719	20.68	ug/l	97
46) Dibromomethane	9.46	93	86923	20.09	ug/l	99
47) Bromodichloromethane	9.65	83	205783	20.15	ug/l	100
48) Methyl methacrylate	9.44	41	85027	19.28	ug/l	100
49) 1,4-Dioxane	9.47	88	26607	403.13	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	632150	96.27	ug/l	99
52) Toluene	10.39	92	427689	21.37	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	201827	19.68	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	240900	20.16	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	123400	19.90	ug/l	98
56) Ethyl methacrylate	10.65	69	144228	19.43	ug/l	100
57) 1,3-Dichloropropane	10.93	76	216900	20.30	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	351810	94.99	ug/l	99
59) 2-Hexanone	10.98	43	425513	95.57	ug/l	98
60) Dibromochloromethane	11.13	129	136076	20.18	ug/l	99
61) 1,2-Dibromoethane	11.24	107	117962	20.25	ug/l	99
64) Tetrachloroethene	10.87	164	153335	21.21	ug/l	97
65) Chlorobenzene	11.66	112	474089	20.75	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	155416	19.98	ug/l	99
67) Ethyl Benzene	11.74	91	796028	20.56	ug/l	99
68) m/p-Xylenes	11.84	106	626637	41.87	ug/l	100
69) o-Xylene	12.17	106	282565	20.36	ug/l	98
70) Styrene	12.18	104	483810	20.63	ug/l	99
71) Bromoform	12.35	173	82866	19.38	ug/l	97
73) Isopropylbenzene	12.47	105	783336	20.59	ug/l	99
74) N-amyl acetate	12.28	43	169916	18.42	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	155140	19.54	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	101975m	17.92	ug/l	
77) Bromobenzene	12.75	156	190292	20.68	ug/l	100
78) n-propylbenzene	12.81	91	982114	20.92	ug/l	100
79) 2-Chlorotoluene	12.90	91	567700	20.90	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	694333	21.40	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	42951	18.07	ug/l	96
82) 4-Chlorotoluene	12.99	91	613604	21.29	ug/l	100
83) tert-Butylbenzene	13.21	119	563448	20.70	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	708805	21.10	ug/l	100
85) sec-Butylbenzene	13.39	105	849605	20.69	ug/l	100
86) p-Isopropyltoluene	13.51	119	741578	20.84	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	390801	20.61	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	386907	20.50	ug/l	99
89) n-Butylbenzene	13.83	91	705506	20.18	ug/l	99
90) Hexachloroethane	14.10	117	129661	19.70	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	353006	20.52	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24095	18.57	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	239636	20.12	ug/l	100
94) Hexachlorobutadiene	15.24	225	140420	20.25	ug/l	99
95) Naphthalene	15.38	128	417729	18.92	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	216380	20.22	ug/l	99

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

