

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081018\
 Data File : VW004536.D
 Acq On : 08 Aug 2018 19:26
 Operator : SY/AP
 Sample : VW0810SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

Manual Integrations
 APPROVED

apatel
 8/9/2018 10:41:18 AM

Quant Time: Aug 09 07:07:16 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	679203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1068806	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1015875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	549715	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	401083	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
35) Dibromofluoromethane	7.88	113	374429	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
50) Toluene-d8	10.33	98	1468841	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
62) 4-Bromofluorobenzene	12.62	95	539262	55.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	106873	22.93	ug/l	98
3) Chloromethane	2.22	50	130387	20.08	ug/l	96
4) Vinyl Chloride	2.37	62	196197	21.63	ug/l	97
5) Bromomethane	2.78	94	114601	21.70	ug/l	100
6) Chloroethane	2.93	64	115393	21.29	ug/l	95
7) Trichlorofluoromethane	3.25	101	75711	22.60	ug/l	95
8) Diethyl Ether	3.68	74	90209	21.28	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	156835	21.19	ug/l	99
10) Methyl Iodide	4.27	142	230175	20.73	ug/l	99
11) Tert butyl alcohol	5.23	59	43791	99.47	ug/l	99
12) 1,1-Dichloroethene	4.04	96	152860	20.52	ug/l	99
13) Acrolein	3.90	56	61377	113.79	ug/l	100
14) Allyl chloride	4.66	41	233380	20.85	ug/l	99
15) Acrylonitrile	5.38	53	197163	104.68	ug/l	99
16) Acetone	4.15	43	207482	110.50	ug/l	97
17) Carbon Disulfide	4.38	76	504734	21.09	ug/l	99
18) Methyl Acetate	4.68	43	92358	19.73	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	208898	20.56	ug/l	99
20) Methylene Chloride	4.91	84	225558	19.12	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	162406	20.23	ug/l	99
22) Diisopropyl ether	6.32	45	496753	21.60	ug/l	99
23) Vinyl Acetate	6.26	43	1429621	103.44	ug/l	100
24) 1,1-Dichloroethane	6.21	63	301299	20.47	ug/l	98
25) 2-Butanone	7.18	43	313556	103.81	ug/l	100
26) 2,2-Dichloropropane	7.17	77	161529	20.91	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	174766	20.24	ug/l	98
28) Bromochloromethane	7.51	49	136879	21.37	ug/l	100
29) Tetrahydrofuran	7.54	42	162305	103.95	ug/l	98
30) Chloroform	7.68	83	296669	20.52	ug/l	100
31) Cyclohexane	7.96	56	284085	20.17	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	224066	20.63	ug/l	99
36) 1,1-Dichloropropene	8.08	75	235843	20.49	ug/l	100
37) Ethyl Acetate	7.26	43	109992	20.41	ug/l	100
38) Carbon Tetrachloride	8.07	117	210092	20.29	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	279407	19.81	ug/l	96
40) Benzene	8.32	78	690871	20.44	ug/l	100
41) Methacrylonitrile	7.49	41	64804	21.53	ug/l	94
42) 1,2-Dichloroethane	8.40	62	194608	20.81	ug/l	100
43) Isopropyl Acetate	8.43	43	188723	20.09	ug/l	99
44) Trichloroethene	9.09	130	166431	20.04	ug/l	97
45) 1,2-Dichloropropane	9.37	63	171941	20.32	ug/l	99
46) Dibromomethane	9.46	93	87985	20.42	ug/l	99
47) Bromodichloromethane	9.65	83	203771	20.04	ug/l	98
48) Methyl methacrylate	9.44	41	89298	20.34	ug/l	98
49) 1,4-Dioxane	9.48	88	26409	401.78	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	683190	104.47	ug/l	100
52) Toluene	10.39	92	418028	20.98	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	205641	20.14	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	245122	20.60	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	127522	20.65	ug/l	98
56) Ethyl methacrylate	10.65	69	148706	20.11	ug/l	99
57) 1,3-Dichloropropane	10.94	76	218584	20.54	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	375739	101.22	ug/l	100
59) 2-Hexanone	10.98	43	466437	105.20	ug/l	98
60) Dibromochloromethane	11.13	129	135439	20.17	ug/l	99
61) 1,2-Dibromoethane	11.24	107	119490	20.60	ug/l	99
64) Tetrachloroethene	10.87	164	140101	19.77	ug/l	96
65) Chlorobenzene	11.66	112	451862	20.18	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	153771	20.17	ug/l	99
67) Ethyl Benzene	11.74	91	758313	19.98	ug/l	98
68) m/p-Xylenes	11.84	106	602339	41.07	ug/l	99
69) o-Xylene	12.17	106	274592	20.19	ug/l	100
70) Styrene	12.19	104	474097	20.63	ug/l	100
71) Bromoform	12.35	173	83021	19.81	ug/l #	100
73) Isopropylbenzene	12.47	105	753884	19.83	ug/l	99
74) N-amyl acetate	12.28	43	182657	19.81	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	160960	20.28	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	106737m	18.76	ug/l	
77) Bromobenzene	12.75	156	184411	20.05	ug/l	99
78) n-propylbenzene	12.81	91	955728	20.37	ug/l	100
79) 2-Chlorotoluene	12.90	91	545142	20.08	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	666562	20.55	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	45507	19.15	ug/l	96
82) 4-Chlorotoluene	12.99	91	592624	20.57	ug/l	100
83) tert-Butylbenzene	13.21	119	543848	19.99	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	690350	20.56	ug/l	100
85) sec-Butylbenzene	13.39	105	826146	20.13	ug/l	99
86) p-Isopropyltoluene	13.51	119	721846	20.30	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	378502	19.97	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	383163	20.31	ug/l	100
89) n-Butylbenzene	13.83	91	695310	19.90	ug/l	99
90) Hexachloroethane	14.10	117	125545	19.08	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	347848	20.23	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	26106	20.13	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	240995	20.24	ug/l	99
94) Hexachlorobutadiene	15.24	225	139616	20.14	ug/l	99
95) Naphthalene	15.38	128	448613	20.11	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	222718	20.82	ug/l	100

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

