

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080818\
 Data File : VW004503.D
 Acq On : 07 Aug 2018 20:20
 Operator : SY/AP
 Sample : VW0808SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

Manual Integrations
 APPROVED

apatel
 8/8/2018 2:24:32 PM

Quant Time: Aug 08 08:46:33 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	734755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1153522	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1099230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	590583	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	392417	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	7.88	113	372936	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
50) Toluene-d8	10.33	98	1464738	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.62	95	530057	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	103417	20.51	ug/l	99
3) Chloromethane	2.21	50	127268	18.12	ug/l	100
4) Vinyl Chloride	2.37	62	201824	20.57	ug/l	96
5) Bromomethane	2.78	94	118125	20.67	ug/l	97
6) Chloroethane	2.93	64	120405	20.53	ug/l	98
7) Trichlorofluoromethane	3.25	101	73582	20.30	ug/l	98
8) Diethyl Ether	3.67	74	91993	20.06	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	164049	20.49	ug/l	99
10) Methyl Iodide	4.27	142	240185	20.00	ug/l	99
11) Tert butyl alcohol	5.25	59	37956	79.70	ug/l	97
12) 1,1-Dichloroethene	4.03	96	157000	19.49	ug/l	94
13) Acrolein	3.90	56	58036	99.46	ug/l	98
14) Allyl chloride	4.66	41	242481	20.03	ug/l	99
15) Acrylonitrile	5.38	53	193264	94.85	ug/l #	82
16) Acetone	4.14	43	196008	96.50	ug/l	98
17) Carbon Disulfide	4.38	76	521131	20.13	ug/l	99
18) Methyl Acetate	4.67	43	92154	18.19	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	209629	19.07	ug/l	99
20) Methylene Chloride	4.91	84	269398	22.24	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	171177	19.71	ug/l	96
22) Diisopropyl ether	6.31	45	512169	20.59	ug/l	97
23) Vinyl Acetate	6.26	43	1432708	95.82	ug/l	100
24) 1,1-Dichloroethane	6.21	63	319652	20.07	ug/l	100
25) 2-Butanone	7.19	43	296229	90.66	ug/l	99
26) 2,2-Dichloropropane	7.17	77	161505	19.32	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	182960	19.58	ug/l	99
28) Bromochloromethane	7.51	49	139298	20.11	ug/l	100
29) Tetrahydrofuran	7.54	42	152898	90.52	ug/l	99
30) Chloroform	7.68	83	314522	20.11	ug/l	99
31) Cyclohexane	7.95	56	297199	19.51	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	232947	19.83	ug/l	98
36) 1,1-Dichloropropene	8.08	75	248144	19.98	ug/l	100
37) Ethyl Acetate	7.26	43	105936	18.21	ug/l	98
38) Carbon Tetrachloride	8.07	117	220953	19.77	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	288605	18.96	ug/l	95
40) Benzene	8.32	78	724463	19.86	ug/l	100
41) Methacrylonitrile	7.49	41	63579	19.57	ug/l	95
42) 1,2-Dichloroethane	8.40	62	199128	19.73	ug/l	100
43) Isopropyl Acetate	8.43	43	188181	18.56	ug/l	100
44) Trichloroethene	9.09	130	175685	19.60	ug/l	97
45) 1,2-Dichloropropane	9.37	63	182961	20.03	ug/l	100
46) Dibromomethane	9.46	93	90481	19.46	ug/l	98
47) Bromodichloromethane	9.65	83	215924	19.67	ug/l	98
48) Methyl methacrylate	9.44	41	90145	19.02	ug/l	98
49) 1,4-Dioxane	9.48	88	26936	379.70	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	666979	94.50	ug/l	99
52) Toluene	10.39	92	437707	20.35	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	208370	18.91	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	249589	19.43	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	129455	19.42	ug/l	99
56) Ethyl methacrylate	10.65	69	147253	18.45	ug/l	99
57) 1,3-Dichloropropane	10.94	76	225976	19.67	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	373117	93.85	ug/l	99
59) 2-Hexanone	10.98	43	445511	93.10	ug/l	98
60) Dibromochloromethane	11.13	129	141358	19.50	ug/l	100
61) 1,2-Dibromoethane	11.24	107	122938	19.63	ug/l	99
64) Tetrachloroethene	10.87	164	151823	19.80	ug/l	98
65) Chlorobenzene	11.66	112	477687	19.72	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	160448	19.45	ug/l	99
67) Ethyl Benzene	11.74	91	804239	19.58	ug/l	99
68) m/p-Xylenes	11.84	106	635538	40.04	ug/l	99
69) o-Xylene	12.17	106	285364	19.39	ug/l	98
70) Styrene	12.19	104	495723	19.93	ug/l	100
71) Bromoform	12.35	173	85785	18.92	ug/l #	99
73) Isopropylbenzene	12.47	105	789136	19.32	ug/l	100
74) N-amyl acetate	12.28	43	180368	18.21	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	163557	19.18	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	111803m	18.29	ug/l	
77) Bromobenzene	12.76	156	194184	19.65	ug/l	99
78) n-propylbenzene	12.81	91	1000553	19.85	ug/l	100
79) 2-Chlorotoluene	12.90	91	578805	19.84	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	693247	19.89	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	44829	17.56	ug/l	94
82) 4-Chlorotoluene	12.99	91	623434	20.14	ug/l	99
83) tert-Butylbenzene	13.21	119	563703	19.29	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	726229	20.13	ug/l	99
85) sec-Butylbenzene	13.39	105	866630	19.65	ug/l	100
86) p-Isopropyltoluene	13.51	119	756380	19.80	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	399531	19.62	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	397613	19.61	ug/l	99
89) n-Butylbenzene	13.83	91	727378	19.37	ug/l	99
90) Hexachloroethane	14.10	117	133582	18.90	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	363498	19.67	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24246	17.40	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	246449	19.27	ug/l	100
94) Hexachlorobutadiene	15.24	225	145248	19.50	ug/l	99
95) Naphthalene	15.38	128	437127	18.51	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	222181	19.33	ug/l	98

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

