

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004786.D
 Acq On : 20 Aug 2018 13:11
 Operator : SY/AP
 Sample : VW0820SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS01

Manual Integrations
 APPROVED

apatel
 8/21/2018 11:31:20 AM

Quant Time: Aug 20 14:41:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	666317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	980711	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	868060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	473901	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	282165	43.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.60%	
35) Dibromofluoromethane	7.88	113	305741	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
50) Toluene-d8	10.33	98	1246118	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.62	95	425334	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	89393	20.25	ug/l	96
3) Chloromethane	2.21	50	113805	19.72	ug/l	98
4) Vinyl Chloride	2.37	62	180861	21.29	ug/l	99
5) Bromomethane	2.78	94	111830	21.32	ug/l	96
6) Chloroethane	2.93	64	107730	21.02	ug/l	100
7) Trichlorofluoromethane	3.26	101	97438	24.35	ug/l	99
8) Diethyl Ether	3.68	74	66985	18.51	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	146791	21.30	ug/l	99
10) Methyl Iodide	4.26	142	218262	20.86	ug/l	100
11) Tert butyl alcohol	5.22	59	29420	81.75	ug/l	97
12) 1,1-Dichloroethene	4.03	96	141087	20.55	ug/l	98
13) Acrolein	3.89	56	43122	89.29	ug/l	97
14) Allyl chloride	4.66	41	204098	19.59	ug/l	99
15) Acrylonitrile	5.38	53	127309	83.90	ug/l	100
16) Acetone	4.14	43	152720	92.87	ug/l	99
17) Carbon Disulfide	4.37	76	470621	20.86	ug/l	99
18) Methyl Acetate	4.68	43	58046	16.47	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	166974	18.73	ug/l	99
20) Methylene Chloride	4.90	84	173899	20.63	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	145471	19.91	ug/l	97
22) Diisopropyl ether	6.31	45	407602	20.35	ug/l	99
23) Vinyl Acetate	6.26	43	1034980	91.36	ug/l	99
24) 1,1-Dichloroethane	6.21	63	260936	20.05	ug/l	100
25) 2-Butanone	7.18	43	199257	85.04	ug/l	99
26) 2,2-Dichloropropane	7.17	77	168224	22.38	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	159560	20.29	ug/l	100
28) Bromochloromethane	7.51	49	98283	17.93	ug/l	97
29) Tetrahydrofuran	7.54	42	97949	81.98	ug/l	98
30) Chloroform	7.68	83	254514	19.88	ug/l	97
31) Cyclohexane	7.96	56	259186	20.59	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	216213	21.31	ug/l	99
36) 1,1-Dichloropropene	8.09	75	210403	20.83	ug/l	99
37) Ethyl Acetate	7.26	43	69383	17.23	ug/l	99
38) Carbon Tetrachloride	8.07	117	201259	21.64	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	270976	21.45	ug/l	98
40) Benzene	8.32	78	604412	20.59	ug/l	99
41) Methacrylonitrile	7.49	41	42546	18.61	ug/l	97
42) 1,2-Dichloroethane	8.40	62	143564	19.07	ug/l	99
43) Isopropyl Acetate	8.43	43	124341	17.19	ug/l	97
44) Trichloroethene	9.09	130	157610	21.15	ug/l	98
45) 1,2-Dichloropropane	9.37	63	143705	20.01	ug/l	99
46) Dibromomethane	9.46	93	66961	18.82	ug/l	98
47) Bromodichloromethane	9.65	83	167959	19.77	ug/l	99
48) Methyl methacrylate	9.44	41	61313	18.06	ug/l	97
49) 1,4-Dioxane	9.48	88	19397	373.14	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	418295	85.56	ug/l	99
52) Toluene	10.39	92	375177	21.31	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	165894	19.38	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	202555	19.85	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	98052	19.39	ug/l	97
56) Ethyl methacrylate	10.65	69	107039	18.21	ug/l	99
57) 1,3-Dichloropropane	10.94	76	165705	18.98	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	271023	97.03	ug/l	99
59) 2-Hexanone	10.98	43	289360	87.35	ug/l	99
60) Dibromochloromethane	11.13	129	108011	19.03	ug/l	100
61) 1,2-Dibromoethane	11.24	107	90682	18.76	ug/l	100
64) Tetrachloroethene	10.87	164	134053	22.60	ug/l	98
65) Chlorobenzene	11.66	112	392849	21.03	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	132228	20.96	ug/l	97
67) Ethyl Benzene	11.74	91	687918	21.72	ug/l	99
68) m/p-Xylenes	11.85	106	554692	45.01	ug/l	98
69) o-Xylene	12.17	106	249720	21.89	ug/l	96
70) Styrene	12.19	104	414706	21.64	ug/l	99
71) Bromoform	12.35	173	65652	19.72	ug/l #	99
73) Isopropylbenzene	12.47	105	708598	21.98	ug/l	100
74) N-amyl acetate	12.28	43	118011	18.39	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	112501	18.84	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	77329m	18.51	ug/l	
77) Bromobenzene	12.75	156	162853	20.87	ug/l	96
78) n-propylbenzene	12.81	91	872784	22.18	ug/l	99
79) 2-Chlorotoluene	12.90	91	493309	21.75	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	613851	22.41	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	32924	18.32	ug/l	98
82) 4-Chlorotoluene	12.99	91	519798	21.57	ug/l	100
83) tert-Butylbenzene	13.21	119	504912	21.55	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	628923	22.32	ug/l	100
85) sec-Butylbenzene	13.39	105	766822	21.92	ug/l	99
86) p-Isopropyltoluene	13.51	119	678709	22.30	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	340194	21.43	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	332376	20.95	ug/l	99
89) n-Butylbenzene	13.83	91	629625	21.40	ug/l	100
90) Hexachloroethane	14.10	117	113486	20.46	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	298024	20.90	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16755	17.95	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	209787	20.80	ug/l	98
94) Hexachlorobutadiene	15.24	225	136333	22.03	ug/l	99
95) Naphthalene	15.38	128	324007	18.93	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	182341	20.39	ug/l	100

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

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