

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090518\
 Data File : VW005131.D
 Acq On : 05 Sep 2018 16:12
 Operator : SY/AP
 Sample : VW0905SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD01

Manual Integrations
 APPROVED

apatel
 9/6/2018 12:02:37 PM

Quant Time: Sep 05 16:46:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	583793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	852814	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	838459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	453186	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	259288	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
35) Dibromofluoromethane	7.89	113	250687	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
50) Toluene-d8	10.33	98	1168751	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.62	95	430072	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	113414	24.11	ug/l	99
3) Chloromethane	2.21	50	164063	24.03	ug/l	98
4) Vinyl Chloride	2.36	62	156854	23.63	ug/l	100
5) Bromomethane	2.76	94	83266	17.38	ug/l	99
6) Chloroethane	2.91	64	92746	22.44	ug/l	99
7) Trichlorofluoromethane	3.26	101	174152	23.32	ug/l	99
8) Diethyl Ether	3.69	74	61775	22.86	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	119166	23.23	ug/l	97
10) Methyl Iodide	4.27	142	122220	18.54	ug/l	100
11) Tert butyl alcohol	5.20	59	45326	166.93	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	110088	23.32	ug/l	95
13) Acrolein	3.90	56	38882	123.78	ug/l	100
14) Allyl chloride	4.67	41	175167	23.74	ug/l	98
15) Acrylonitrile	5.38	53	138346	121.39	ug/l	99
16) Acetone	4.14	43	119436	123.06	ug/l	97
17) Carbon Disulfide	4.38	76	380167	23.11	ug/l	100
18) Methyl Acetate	4.68	43	62044	21.73	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	277958	24.25	ug/l	98
20) Methylene Chloride	4.92	84	168835	23.70	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	125141	21.76	ug/l	97
22) Diisopropyl ether	6.32	45	368840	23.75	ug/l	98
23) Vinyl Acetate	6.26	43	1060187	129.98	ug/l	99
24) 1,1-Dichloroethane	6.22	63	219619	22.63	ug/l	99
25) 2-Butanone	7.18	43	212755	126.39	ug/l	97
26) 2,2-Dichloropropane	7.17	77	187894	23.56	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	137026	21.78	ug/l	96
28) Bromochloromethane	7.52	49	86583	22.16	ug/l	93
29) Tetrahydrofuran	7.54	42	106059	123.31	ug/l	98
30) Chloroform	7.68	83	212851	21.49	ug/l	96
31) Cyclohexane	7.96	56	236881	24.92	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	189568	21.97	ug/l	99
36) 1,1-Dichloropropene	8.09	75	189245	23.30	ug/l	98
37) Ethyl Acetate	7.26	43	77067	25.37	ug/l	99
38) Carbon Tetrachloride	8.07	117	167915	21.74	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	228078	23.22	ug/l	96
40) Benzene	8.33	78	537335	21.61	ug/l	99
41) Methacrylonitrile	7.49	41	44709	25.40	ug/l	99
42) 1,2-Dichloroethane	8.41	62	135618	22.29	ug/l	98
43) Isopropyl Acetate	8.43	43	138920	25.13	ug/l	97
44) Trichloroethene	9.10	130	143187	21.34	ug/l	97
45) 1,2-Dichloropropane	9.37	63	135733	22.35	ug/l	97
46) Dibromomethane	9.46	93	63514	21.87	ug/l	95
47) Bromodichloromethane	9.65	83	159389	21.79	ug/l	99
48) Methyl methacrylate	9.44	41	65290	24.53	ug/l	94
49) 1,4-Dioxane	9.48	88	21021	447.53	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	461129	124.48	ug/l	99
52) Toluene	10.39	92	359931	21.36	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	165314	23.00	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	200939	22.99	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	98114	21.82	ug/l	98
56) Ethyl methacrylate	10.65	69	120034	23.40	ug/l	98
57) 1,3-Dichloropropane	10.94	76	167081	22.57	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	295052	121.36	ug/l	97
59) 2-Hexanone	10.98	43	323249	129.02	ug/l	98
60) Dibromochloromethane	11.13	129	108665	21.37	ug/l	99
61) 1,2-Dibromoethane	11.24	107	89341	22.00	ug/l	99
64) Tetrachloroethene	10.87	164	126786	19.27	ug/l	97
65) Chlorobenzene	11.66	112	393685	20.86	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	119016	20.63	ug/l	98
67) Ethyl Benzene	11.74	91	696169	21.82	ug/l	99
68) m/p-Xylenes	11.85	106	565123	44.23	ug/l	100
69) o-Xylene	12.17	106	258934	21.92	ug/l	99
70) Styrene	12.19	104	427833	21.93	ug/l	99
71) Bromoform	12.35	173	63892	20.90	ug/l #	98
73) Isopropylbenzene	12.47	105	696746	21.80	ug/l	100
74) N-amyl acetate	12.28	43	138765	25.22	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	110753	22.77	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	78078m	22.95	ug/l	
77) Bromobenzene	12.76	156	163401	20.75	ug/l	95
78) n-propylbenzene	12.81	91	873728	22.65	ug/l	99
79) 2-Chlorotoluene	12.90	91	492246	21.87	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	608197	22.01	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	33270	23.54	ug/l	99
82) 4-Chlorotoluene	12.99	91	526056	22.14	ug/l	98
83) tert-Butylbenzene	13.21	119	506680	21.96	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	620863	22.06	ug/l	99
85) sec-Butylbenzene	13.39	105	757560	22.34	ug/l	99
86) p-Isopropyltoluene	13.51	119	672517	22.40	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	339077	20.97	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	334284	20.84	ug/l	98
89) n-Butylbenzene	13.84	91	638402	22.95	ug/l	99
90) Hexachloroethane	14.10	117	102176	20.49	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	299300	21.23	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17369	22.85	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	211793	22.41	ug/l	99
94) Hexachlorobutadiene	15.25	225	126909	21.59	ug/l	99
95) Naphthalene	15.38	128	351793	23.80	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	183766	22.72	ug/l	99

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

