

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111718\
 Data File : VW006933.D
 Acq On : 17 Nov 2018 00:35
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

apatel
 11/19/2018 3:29:44 PM

Quant Time: Nov 17 02:45:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 01:21:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	110323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	181208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	170962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	82162	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	80463	90.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	181.04%	
35) Dibromofluoromethane	7.89	113	73294	67.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.14%	
50) Toluene-d8	10.33	98	325741	71.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.00%	
62) 4-Bromofluorobenzene	12.62	95	124732	73.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	147.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	66482	70.93	ug/l	100
3) Chloromethane	2.21	50	59946	58.90	ug/l	98
4) Vinyl Chloride	2.36	62	58013	54.25	ug/l	94
5) Bromomethane	2.78	94	28970	41.52	ug/l	94
6) Chloroethane	2.92	64	32135	47.00	ug/l	91
7) Trichlorofluoromethane	3.26	101	111387	74.00	ug/l	99
8) Diethyl Ether	3.69	74	38871	84.33	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	69001	68.05	ug/l	99
10) Methyl Iodide	4.28	142	92373	67.09	ug/l	99
11) Tert butyl alcohol	5.22	59	28392	488.07	ug/l	95
12) 1,1-Dichloroethene	4.04	96	65028	75.12	ug/l	99
13) Acrolein	3.90	56	28275	465.28	ug/l	99
14) Allyl chloride	4.68	41	113746	93.79	ug/l	98
15) Acrylonitrile	5.38	53	81501	463.49	ug/l	99
16) Acetone	4.14	43	60581	472.30	ug/l	98
17) Carbon Disulfide	4.39	76	211673	77.33	ug/l	99
18) Methyl Acetate	4.68	43	42118	95.66	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	186301	86.90	ug/l	99
20) Methylene Chloride	4.92	84	83559	62.45	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	75286	73.66	ug/l	94
22) Diisopropyl ether	6.32	45	229564	91.90	ug/l	98
23) Vinyl Acetate	6.26	43	647557	460.33	ug/l	99
24) 1,1-Dichloroethane	6.22	63	133003	82.65	ug/l	100
25) 2-Butanone	7.18	43	98552	457.47	ug/l	98
26) 2,2-Dichloropropane	7.17	77	111695	71.11	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	85677	78.04	ug/l	98
28) Bromochloromethane	7.52	49	46762	82.53	ug/l	100
29) Tetrahydrofuran	7.54	42	64200	465.52	ug/l	99
30) Chloroform	7.68	83	137651	78.92	ug/l	98
31) Cyclohexane	7.96	56	125509	77.06	ug/l	93
32) 1,1,1-Trichloroethane	7.88	97	122621	74.05	ug/l	99
36) 1,1-Dichloropropene	8.09	75	110845	65.29	ug/l	99
37) Ethyl Acetate	7.26	43	45689	78.79	ug/l	99
38) Carbon Tetrachloride	8.07	117	108569	59.85	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	138173	63.47	ug/l	98
40) Benzene	8.33	78	315954	66.62	ug/l	99
41) Methacrylonitrile	7.49	41	26067	72.86	ug/l	90
42) 1,2-Dichloroethane	8.40	62	91275	70.73	ug/l	98
43) Isopropyl Acetate	8.43	43	90341	79.98	ug/l	100
44) Trichloroethene	9.10	130	84992	58.17	ug/l	95
45) 1,2-Dichloropropane	9.37	63	78621	70.30	ug/l	97
46) Dibromomethane	9.46	93	39323	64.12	ug/l	99
47) Bromodichloromethane	9.65	83	102540	66.88	ug/l	97
48) Methyl methacrylate	9.44	41	44244	80.52	ug/l	97
49) 1,4-Dioxane	9.47	88	13475	1448.23	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	223068	395.26	ug/l	100
52) Toluene	10.39	92	217012	65.21	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	107532	71.21	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	125498	70.03	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	58324	64.07	ug/l	97
56) Ethyl methacrylate	10.65	69	76827	75.58	ug/l	99
57) 1,3-Dichloropropane	10.93	76	99729	68.47	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	192469	384.35	ug/l	99
59) 2-Hexanone	10.98	43	155331	401.26	ug/l	99
60) Dibromochloromethane	11.13	129	69148	62.80	ug/l	97
61) 1,2-Dibromoethane	11.24	107	54659	63.52	ug/l	98
64) Tetrachloroethene	10.87	164	72185	54.61	ug/l	97
65) Chlorobenzene	11.66	112	235069	62.44	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	75243	61.77	ug/l	99
67) Ethyl Benzene	11.74	91	431830	66.82	ug/l	98
68) m/p-Xylenes	11.85	106	332905	127.07	ug/l	99
69) o-Xylene	12.17	106	159247	65.15	ug/l	100
70) Styrene	12.18	104	259198	66.10	ug/l	99
71) Bromoform	12.35	173	36105	55.64	ug/l #	100
73) Isopropylbenzene	12.47	105	429514	73.77	ug/l	100
74) N-amyl acetate	12.28	43	88685	94.99	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	62383	76.78	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	51017m	82.27	ug/l	
77) Bromobenzene	12.75	156	91516	63.90	ug/l	99
78) n-propylbenzene	12.81	91	516041	74.88	ug/l	100
79) 2-Chlorotoluene	12.90	91	299046	76.76	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	372380	74.45	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	19243	77.60	ug/l	98
82) 4-Chlorotoluene	12.99	91	318648	76.74	ug/l	99
83) tert-Butylbenzene	13.21	119	313531	71.47	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	375421	73.86	ug/l	100
85) sec-Butylbenzene	13.39	105	449148	72.12	ug/l	100
86) p-Isopropyltoluene	13.51	119	393620	70.00	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	184363	63.40	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	184549	64.07	ug/l	100
89) n-Butylbenzene	13.83	91	377431	72.82	ug/l	99
90) Hexachloroethane	14.10	117	64372	71.17	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	163863	64.43	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11104	83.08	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	105089	56.21	ug/l	99
94) Hexachlorobutadiene	15.24	225	54547	47.27	ug/l	99
95) Naphthalene	15.38	128	206783	70.96	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	89101	55.50	ug/l	99

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

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