

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112118\
 Data File : VW006977.D
 Acq On : 20 Nov 2018 15:30
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

MMDadoda
 11/21/2018 11:32:35 AM

Quant Time: Nov 21 03:17:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 02:56:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	117517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	181773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	172650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	85935	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	81812	71.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.22%	
35) Dibromofluoromethane	7.88	113	76429	74.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	148.90%	
50) Toluene-d8	10.32	98	344344	75.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	151.92%	
62) 4-Bromofluorobenzene	12.62	95	131962	73.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	147.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	79112	68.18	ug/l	98
3) Chloromethane	2.21	50	70145	72.54	ug/l	96
4) Vinyl Chloride	2.36	62	69285	72.83	ug/l	98
5) Bromomethane	2.78	94	35623	70.15	ug/l	93
6) Chloroethane	2.92	64	39336	75.01	ug/l	100
7) Trichlorofluoromethane	3.26	101	132279	70.71	ug/l	96
8) Diethyl Ether	3.69	74	40777	67.65	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	80492	66.37	ug/l	99
10) Methyl Iodide	4.28	142	109909	79.17	ug/l	99
11) Tert butyl alcohol	5.21	59	25458	344.86	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	75062	70.57	ug/l	93
13) Acrolein	3.90	56	24286	315.74	ug/l	98
14) Allyl chloride	4.68	41	125547	71.16	ug/l	99
15) Acrylonitrile	5.38	53	83160	367.06	ug/l	99
16) Acetone	4.14	43	59233	354.60	ug/l	100
17) Carbon Disulfide	4.38	76	260019	75.61	ug/l	99
18) Methyl Acetate	4.68	43	40312	67.77	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	195433	70.37	ug/l	100
20) Methylene Chloride	4.92	84	90914	55.07	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	85240	68.79	ug/l	98
22) Diisopropyl ether	6.32	45	242249	70.55	ug/l	99
23) Vinyl Acetate	6.26	43	658280	360.99	ug/l	100
24) 1,1-Dichloroethane	6.22	63	145807	69.80	ug/l	99
25) 2-Butanone	7.18	43	99782	348.77	ug/l	100
26) 2,2-Dichloropropane	7.17	77	126896	67.55	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	91765	69.54	ug/l	99
28) Bromochloromethane	7.52	49	56648	72.55	ug/l #	98
29) Tetrahydrofuran	7.54	42	64315	347.10	ug/l	99
30) Chloroform	7.68	83	149671	67.44	ug/l	100
31) Cyclohexane	7.96	56	145574	65.70	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	137731	68.90	ug/l	99
36) 1,1-Dichloropropene	8.09	75	126602	71.27	ug/l	99
37) Ethyl Acetate	7.26	43	44333	68.87	ug/l	99
38) Carbon Tetrachloride	8.07	117	121389	71.36	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	162001	72.88	ug/l	98
40) Benzene	8.33	78	350236	73.04	ug/l	99
41) Methacrylonitrile	7.49	41	31435	78.64	ug/l #	88
42) 1,2-Dichloroethane	8.40	62	95805	68.82	ug/l	99
43) Isopropyl Acetate	8.43	43	89451	72.92	ug/l	99
44) Trichloroethene	9.09	130	95457	71.02	ug/l	96
45) 1,2-Dichloropropane	9.37	63	85183	72.07	ug/l	99
46) Dibromomethane	9.46	93	42285	71.44	ug/l	98
47) Bromodichloromethane	9.65	83	109640	70.30	ug/l	98
48) Methyl methacrylate	9.44	41	44315	74.92	ug/l	98
49) 1,4-Dioxane	9.48	88	13386	1521.55	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	222225	358.49	ug/l	99
52) Toluene	10.39	92	241241	73.93	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	112835	74.69	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	135121	74.03	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	61357	70.46	ug/l	97
56) Ethyl methacrylate	10.65	69	77216	76.39	ug/l	99
57) 1,3-Dichloropropane	10.93	76	104545	71.64	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	183912	348.17	ug/l	99
59) 2-Hexanone	10.97	43	159865	376.60	ug/l	99
60) Dibromochloromethane	11.13	129	74088	74.66	ug/l	100
61) 1,2-Dibromoethane	11.24	107	58442	73.36	ug/l	99
64) Tetrachloroethene	10.87	164	80928	72.86	ug/l	98
65) Chlorobenzene	11.66	112	264692	73.45	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	79726	73.14	ug/l	98
67) Ethyl Benzene	11.73	91	487013	73.57	ug/l	98
68) m/p-Xylenes	11.84	106	378888	145.89	ug/l	100
69) o-Xylene	12.17	106	180435	73.68	ug/l	99
70) Styrene	12.18	104	290855	74.62	ug/l	100
71) Bromoform	12.35	173	38589	75.15	ug/l #	100
73) Isopropylbenzene	12.47	105	496287	74.31	ug/l	99
74) N-amyl acetate	12.27	43	84398	75.40	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	63918	71.91	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	50262m	45.19	ug/l	
77) Bromobenzene	12.75	156	104456	72.82	ug/l	99
78) n-propylbenzene	12.81	91	591628	73.13	ug/l	99
79) 2-Chlorotoluene	12.90	91	338110	72.48	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	425095	73.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	20318	75.54	ug/l	98
82) 4-Chlorotoluene	12.99	91	356779	72.89	ug/l	100
83) tert-Butylbenzene	13.21	119	365472	73.09	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	422887	73.49	ug/l	99
85) sec-Butylbenzene	13.39	105	514698	72.86	ug/l	99
86) p-Isopropyltoluene	13.51	119	457687	73.44	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	210880	72.01	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	213206	73.02	ug/l	99
89) n-Butylbenzene	13.83	91	437538	74.61	ug/l	100
90) Hexachloroethane	14.10	117	68314	75.08	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	189296	73.77	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11428	76.13	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	123687	73.10	ug/l	99
94) Hexachlorobutadiene	15.24	225	66240	72.01	ug/l	99
95) Naphthalene	15.37	128	227189	73.97	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	103437	73.68	ug/l	99

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

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