

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051319\
 Data File : VN055582.D
 Acq On : 13 May 2019 18:16
 Operator : JC/SP
 Sample : K2840-06MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KR-02 4-14

Manual Integrations
 APPROVED

MMDadoda
 5/14/2019 9:43:08 AM

Quant Time: May 14 03:26:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	775411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1308926	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1141136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	460543	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	538421	46.12	ug/l	0.00
Spiked Amount			Recovery	=	92.24%	
35) Dibromofluoromethane	7.59	113	434434	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	
50) Toluene-d8	10.09	98	1655689	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.40	95	567381	51.14	ug/l	0.00
Spiked Amount			Recovery	=	102.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	210235	26.630	ug/l	99
3) Chloromethane	2.06	50	335149	26.131	ug/l	100
4) Vinyl Chloride	2.19	62	337316	27.861	ug/l	100
5) Bromomethane	2.54	94	198921	29.988	ug/l	100
6) Chloroethane	2.70	64	210285	29.819	ug/l	96
7) Trichlorofluoromethane	3.01	101	392667	29.564	ug/l	99
8) Diethyl Ether	3.41	74	184499	30.931	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.75	101	254687	30.139	ug/l	96
10) Methyl Iodide	3.95	142	318446	27.882	ug/l	99
11) Tert butyl alcohol	4.81	59	225352	130.727	ug/l	99
12) 1,1-Dichloroethene	3.73	96	254886	30.076	ug/l	98
13) Acrolein	3.60	56	281762	245.250	ug/l	100
14) Allyl chloride	4.32	41	495564	28.546	ug/l	97
15) Acrylonitrile	4.99	53	773268	144.866	ug/l	99
16) Acetone	3.82	43	580993	107.473	ug/l	96
17) Carbon Disulfide	4.04	76	649818	28.094	ug/l	99
18) Methyl Acetate	4.33	43	326628	28.312	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	873990	31.036	ug/l	96
20) Methylene Chloride	4.54	84	313667	28.375	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	276763	30.121	ug/l	93
22) Diisopropyl ether	5.96	45	1056680	29.953	ug/l	98
23) Vinyl Acetate	5.90	43	3975789	145.726	ug/l	99
24) 1,1-Dichloroethane	5.85	63	563268	29.578	ug/l	100
25) 2-Butanone	6.84	43	981853	131.481	ug/l	97
26) 2,2-Dichloropropane	6.82	77	368258	31.020	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	332821	31.342	ug/l	98
28) Bromochloromethane	7.19	49	452806	45.785	ug/l	92
29) Tetrahydrofuran	7.22	42	673877	136.503	ug/l	98
30) Chloroform	7.37	83	537154	30.512	ug/l	99
31) Cyclohexane	7.65	56	519898	27.592	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	415426	30.987	ug/l	98
36) 1,1-Dichloropropene	7.79	75	400230	31.037	ug/l	98
37) Ethyl Acetate	6.93	43	391071	27.802	ug/l	97
38) Carbon Tetrachloride	7.77	117	336732	31.012	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	460546	29.292	ug/l	97
40) Benzene	8.04	78	1244539	31.097	ug/l	99
41) Methacrylonitrile	7.18	41	198000	30.327	ug/l	94
42) 1,2-Dichloroethane	8.12	62	416189	29.600	ug/l	99
43) Isopropyl Acetate	8.17	43	637214	29.818	ug/l #	88
44) Trichloroethene	8.83	130	302770	31.795	ug/l	97
45) 1,2-Dichloropropane	9.12	63	350875	30.641	ug/l	98
46) Dibromomethane	9.21	93	203975	30.731	ug/l	96
47) Bromodichloromethane	9.40	83	395123	31.117	ug/l	97
48) Methyl methacrylate	9.20	41	298383	28.979	ug/l	96
49) 1,4-Dioxane	9.20	88	112076	558.479	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	2006316	142.747	ug/l	98
52) Toluene	10.16	92	739533	32.322	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	400473	32.838	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	474668	32.572	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	295717	31.900	ug/l	100
56) Ethyl methacrylate	10.43	69	435602	31.591	ug/l	95
57) 1,3-Dichloropropane	10.71	76	514992	31.292	ug/l	99
59) 2-Hexanone	10.75	43	1372608	139.255	ug/l	98
60) Dibromochloromethane	10.90	129	278291	33.018	ug/l	99
61) 1,2-Dibromoethane	11.00	107	283236	31.800	ug/l	97
64) Tetrachloroethene	10.63	164	287234	30.719	ug/l	99
65) Chlorobenzene	11.43	112	756498	32.223	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	269017	33.284	ug/l	99
67) Ethyl Benzene	11.51	91	1384364	31.396	ug/l	98
68) m/p-Xylenes	11.62	106	1013335	64.038	ug/l	99
69) o-Xylene	11.95	106	501473	32.243	ug/l	98
70) Styrene	11.96	104	821986	32.988	ug/l	99
71) Bromoform	12.13	173	186503	34.195	ug/l	98
73) Isopropylbenzene	12.25	105	1320328	33.965	ug/l	100
74) N-amyl acetate	12.07	43	500473	28.623	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	416444	32.891	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	342849m	27.346	ug/l	
77) Bromobenzene	12.53	156	312732	30.813	ug/l	93
78) n-propylbenzene	12.59	91	1467836	29.716	ug/l	98
79) 2-Chlorotoluene	12.67	91	902169	29.306	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1090884	29.618	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	98568	29.009	ug/l	97
82) 4-Chlorotoluene	12.77	91	865962	29.770	ug/l	97
83) tert-Butylbenzene	12.99	119	923481	29.251	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1026939	30.401	ug/l	99
85) sec-Butylbenzene	13.17	105	1222606	29.139	ug/l	98
86) p-Isopropyltoluene	13.29	119	1022197	29.935	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	505207	32.213	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	486076	31.405	ug/l	99
89) n-Butylbenzene	13.61	91	787309	29.746	ug/l	99
90) Hexachloroethane	13.87	117	161609	29.013	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	503360	32.114	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	62018	29.284	ug/l	94
93) 1,2,4-Trichlorobenzene	14.91	180	194166	29.832	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	156898	33.035	ug/l	99
95) Naphthalene	15.13	128	559757	30.376	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	216050	30.240	ug/l	99

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

