

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055533.D
 Acq On : 10 May 2019 7:04
 Operator : JC/SP
 Sample : K2758-26MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-21MSD

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 12:44:27 PM

Quant Time: May 10 09:28:31 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	7.67	168	670999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1199116	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1046059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	435377	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	519173	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
35) Dibromofluoromethane	7.59	113	403863	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
50) Toluene-d8	10.09	98	1551766	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	12.40	95	527709	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	311014	45.526	ug/l	99
3) Chloromethane	2.06	50	510666	46.012	ug/l	99
4) Vinyl Chloride	2.19	62	502593	47.973	ug/l	99
5) Bromomethane	2.54	94	277725	48.383	ug/l	100
6) Chloroethane	2.69	64	311824	51.098	ug/l	98
7) Trichlorofluoromethane	3.01	101	567960	49.416	ug/l	99
8) Diethyl Ether	3.41	74	256587	49.709	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	341928	46.760	ug/l	99
10) Methyl Iodide	3.95	142	495534	50.138	ug/l	99
11) Tert butyl alcohol	4.81	59	335794	225.105	ug/l	99
12) 1,1-Dichloroethene	3.73	96	364718	49.732	ug/l	100
13) Acrolein	3.61	56	220179	221.468	ug/l	98
14) Allyl chloride	4.32	41	706704	47.043	ug/l	99
15) Acrylonitrile	4.99	53	1113177	240.996	ug/l	99
16) Acetone	3.82	43	895200	191.364	ug/l	98
17) Carbon Disulfide	4.05	76	992888	49.605	ug/l	99
18) Methyl Acetate	4.33	43	376338	38.073	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1226247	50.321	ug/l	98
20) Methylene Chloride	4.55	84	457135	47.789	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	400390	50.356	ug/l	97
22) Diisopropyl ether	5.96	45	1526749	50.012	ug/l	99
23) Vinyl Acetate	5.90	43	4688908	198.608	ug/l	100
24) 1,1-Dichloroethane	5.85	63	816266	49.532	ug/l	99
25) 2-Butanone	6.84	43	1449148	224.254	ug/l	97
26) 2,2-Dichloropropane	6.82	77	371311	36.144	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	468488	50.982	ug/l	97
28) Bromochloromethane	7.19	49	441685	51.610	ug/l	95
29) Tetrahydrofuran	7.22	42	991154	232.013	ug/l	100
30) Chloroform	7.37	83	768979	50.477	ug/l	99
31) Cyclohexane	7.65	56	751413	46.085	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	591400	50.977	ug/l	99
36) 1,1-Dichloropropene	7.79	75	574207	48.606	ug/l	98
37) Ethyl Acetate	6.93	43	482908	37.474	ug/l	99
38) Carbon Tetrachloride	7.77	117	479083	48.162	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	647864	44.979	ug/l	98
40) Benzene	8.04	78	1813939	49.475	ug/l	100
41) Methacrylonitrile	7.18	41	288540	48.242	ug/l	97
42) 1,2-Dichloroethane	8.12	62	607195	47.139	ug/l	99
43) Isopropyl Acetate	8.17	43	831829	42.489	ug/l	98
44) Trichloroethene	8.84	130	425954	48.827	ug/l	94
45) 1,2-Dichloropropane	9.12	63	505619	48.198	ug/l	100
46) Dibromomethane	9.21	93	297726	48.963	ug/l	99
47) Bromodichloromethane	9.40	83	576401	49.550	ug/l	98
48) Methyl methacrylate	9.20	41	445062	47.183	ug/l	97
49) 1,4-Dioxane	9.20	88	165759	901.624	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	2937762	228.160	ug/l	99
52) Toluene	10.16	92	1052709	50.223	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	552802	49.479	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	649991	48.687	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	415389	48.912	ug/l	99
56) Ethyl methacrylate	10.43	69	619490	49.041	ug/l	98
57) 1,3-Dichloropropane	10.71	76	749920	49.739	ug/l	100
59) 2-Hexanone	10.75	43	2017721	223.450	ug/l	100
60) Dibromochloromethane	10.90	129	405052	52.458	ug/l	99
61) 1,2-Dibromoethane	11.00	107	409517	50.188	ug/l	97
64) Tetrachloroethene	10.63	164	394573	46.033	ug/l	99
65) Chlorobenzene	11.43	112	1067429	49.599	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	382985	51.692	ug/l	100
67) Ethyl Benzene	11.51	91	1987991	49.184	ug/l	99
68) m/p-Xylenes	11.62	106	1442246	99.427	ug/l	100
69) o-Xylene	11.95	106	714230	50.096	ug/l	98
70) Stvrene	11.96	104	1180396	51.677	ug/l	99
71) Bromoform	12.13	173	263976	52.799	ug/l	100
73) Isopropylbenzene	12.25	105	1869959	52.199	ug/l	100
74) N-amyl acetate	12.07	43	595985	36.056	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	597737	51.271	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	489553m	41.304	ug/l	
77) Bromobenzene	12.53	156	435663	45.406	ug/l	97
78) n-propylbenzene	12.59	91	2119041	45.379	ug/l	100
79) 2-Chlorotoluene	12.67	91	1296771	44.560	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1584933	45.519	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	131956	41.080	ug/l	99
82) 4-Chlorotoluene	12.77	91	1271547	46.240	ug/l	99
83) tert-Butylbenzene	12.99	119	1321995	44.295	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1554647	48.683	ug/l	100
85) sec-Butylbenzene	13.17	105	1761973	44.421	ug/l	99
86) p-Isopropyltoluene	13.29	119	1487796	46.089	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	730950	49.301	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	702655	48.023	ug/l	99
89) n-Butylbenzene	13.61	91	1167836	46.673	ug/l	100
90) Hexachloroethane	13.87	117	240463	45.665	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	722129	48.734	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	90956	45.431	ug/l	98
93) 1,2,4-Trichlorobenzene	14.91	180	288412	45.042	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	213069	48.521	ug/l	98
95) Naphthalene	15.13	128	805986	44.729	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	320248	46.040	ug/l	99

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

