

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080219\
 Data File : VN057057.D
 Acq On : 2 Aug 2019 11:36
 Operator : JC/SP
 Sample : VN0802WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/6/2019 2:16:45 PM

Quant Time: Aug 03 04:44:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	453705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	667245	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	580765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	220689	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	232722	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
35) Dibromofluoromethane	7.58	113	212367	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
50) Toluene-d8	10.08	98	787953	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
62) 4-Bromofluorobenzene	12.40	95	242129	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	93554	20.397	ug/l	99
3) Chloromethane	2.05	50	102459	18.655	ug/l	99
4) Vinyl Chloride	2.18	62	96053	18.651	ug/l	100
5) Bromomethane	2.55	94	59316	18.527	ug/l	95
6) Chloroethane	2.69	64	53381	18.803	ug/l	98
7) Trichlorofluoromethane	3.00	101	137302	20.367	ug/l	96
8) Diethyl Ether	3.40	74	50663	20.080	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	83233	19.914	ug/l	98
10) Methyl Iodide	3.94	142	106044	18.987	ug/l	100
11) Tert butyl alcohol	4.77	59	67516	107.550	ug/l #	87
12) 1,1-Dichloroethene	3.72	96	78794	19.758	ug/l	94
13) Acrolein	3.60	56	25430	77.235	ug/l	96
14) Allyl chloride	4.31	41	124459	19.185	ug/l	99
15) Acrylonitrile	4.97	53	186689	101.409	ug/l	100
16) Acetone	3.81	43	156523	93.028	ug/l	96
17) Carbon Disulfide	4.04	76	183257	17.293	ug/l	99
18) Methyl Acetate	4.31	43	103247	19.236	ug/l	98
19) Methyl tert-butyl Ether	5.03	73	245524	20.647	ug/l	97
20) Methylene Chloride	4.54	84	94141	19.424	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	82530	19.486	ug/l	98
22) Diisopropyl ether	5.94	45	268244	20.069	ug/l	95
23) Vinyl Acetate	5.88	43	903421	97.553	ug/l	99
24) 1,1-Dichloroethane	5.83	63	156638	19.863	ug/l	99
25) 2-Butanone	6.82	43	232374	97.398	ug/l	97
26) 2,2-Dichloropropane	6.81	77	122620	20.449	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	99523	19.867	ug/l	99
28) Bromochloromethane	7.18	49	76701	20.692	ug/l	97
29) Tetrahydrofuran	7.20	42	150701	96.813	ug/l	98
30) Chloroform	7.36	83	163086	20.226	ug/l	98
31) Cyclohexane	7.64	56	138436	18.141	ug/l	94
32) 1,1,1-Trichloroethane	7.56	97	133691	20.781	ug/l	98
36) 1,1-Dichloropropene	7.78	75	114746	19.544	ug/l	99
37) Ethyl Acetate	6.92	43	91984	19.561	ug/l	99
38) Carbon Tetrachloride	7.76	117	114284	20.578	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	135635	18.075	ug/l	98
40) Benzene	8.03	78	358656	19.833	ug/l	97
41) Methacrylonitrile	7.18	41	56841m	26.147	ug/l	
42) 1,2-Dichloroethane	8.11	62	117176	20.675	ug/l	100
43) Isopropyl Acetate	8.16	43	154092	19.826	ug/l	99
44) Trichloroethene	8.82	130	100503	20.173	ug/l	100
45) 1,2-Dichloropropane	9.11	63	95335	19.710	ug/l	97
46) Dibromomethane	9.20	93	60961	20.898	ug/l	98
47) Bromodichloromethane	9.39	83	116866	20.377	ug/l	100
48) Methyl methacrylate	9.19	41	74904	19.962	ug/l	98
49) 1,4-Dioxane	9.19	88	32688	422.712	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	462561	100.165	ug/l	100
52) Toluene	10.15	92	221548	20.391	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	117511	19.745	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	139611	20.175	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	88519	20.316	ug/l	98
56) Ethyl methacrylate	10.42	69	118019	19.065	ug/l	100
57) 1,3-Dichloropropane	10.70	76	145518	20.140	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	194697	74.567	ug/l	98
59) 2-Hexanone	10.74	43	322831	92.370	ug/l	100
60) Dibromochloromethane	10.90	129	92377	20.694	ug/l	97
61) 1,2-Dibromoethane	11.00	107	89966	21.158	ug/l	100
64) Tetrachloroethene	10.63	164	105238	21.028	ug/l	99
65) Chlorobenzene	11.43	112	237996	20.106	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	92075	20.667	ug/l	99
67) Ethyl Benzene	11.51	91	400892	19.596	ug/l	99
68) m/p-Xylenes	11.62	106	306002	40.530	ug/l	99
69) o-Xylene	11.94	106	149090	20.184	ug/l	100
70) Styrene	11.96	104	239580	19.532	ug/l	99
71) Bromoform	12.12	173	63026	20.263	ug/l #	98
73) Isopropylbenzene	12.25	105	396228	20.774	ug/l	99
74) N-amyl acetate	12.07	43	112195	20.259	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	110529	21.470	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	104218m	23.253	ug/l	
77) Bromobenzene	12.52	156	101735	20.437	ug/l	98
78) n-propylbenzene	12.59	91	411812	20.222	ug/l	99
79) 2-Chlorotoluene	12.67	91	255823	20.401	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	338353	21.615	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	28785	20.636	ug/l	94
82) 4-Chlorotoluene	12.77	91	236582	20.160	ug/l	100
83) tert-Butylbenzene	12.99	119	296102	21.368	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	314759	20.897	ug/l	99
85) sec-Butylbenzene	13.17	105	367547	20.563	ug/l	99
86) p-Isopropyltoluene	13.29	119	327614	20.645	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	151274	19.978	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	140532	19.279	ug/l	98
89) n-Butylbenzene	13.61	91	230460	18.843	ug/l	100
90) Hexachloroethane	13.87	117	56075	20.521	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	153604	20.612	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16461	21.699	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	48246	14.580	ug/l	98
94) Hexachlorobutadiene	15.00	225	61815	21.879	ug/l	98
95) Naphthalene	15.12	128	115834	15.055	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	55959	15.863	ug/l	98

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

