

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080619\
 Data File : VN057094.D
 Acq On : 6 Aug 2019 11:38
 Operator : JC/SP
 Sample : VN0806WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD01

Manual Integrations
 APPROVED

MMdadoda
 8/9/2019 12:51:34 AM

Quant Time: Aug 07 03:46:25 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	408384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	604740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	526285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	214288	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	210411	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
35) Dibromofluoromethane	7.58	113	191917	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
50) Toluene-d8	10.08	98	703372	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
62) 4-Bromofluorobenzene	12.40	95	228597	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	81149	19.656	ug/l	100
3) Chloromethane	2.05	50	86049	17.406	ug/l	99
4) Vinyl Chloride	2.18	62	81614	17.606	ug/l	99
5) Bromomethane	2.50	94	42775	14.843	ug/l	99
6) Chloroethane	2.62	64	42056	16.458	ug/l	96
7) Trichlorofluoromethane	2.95	101	119479	19.690	ug/l	99
8) Diethyl Ether	3.39	74	46459	20.458	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	73894	19.642	ug/l	98
10) Methyl Iodide	3.92	142	76105	15.139	ug/l	98
11) Tert butyl alcohol	4.82	59	52248	92.465	ug/l #	84
12) 1,1-Dichloroethene	3.70	96	67971	18.935	ug/l	97
13) Acrolein	3.59	56	15427	51.228	ug/l	96
14) Allyl chloride	4.29	41	107202	18.359	ug/l	97
15) Acrylonitrile	4.97	53	159022	95.967	ug/l	100
16) Acetone	3.82	43	131358	86.736	ug/l	98
17) Carbon Disulfide	4.01	76	139674	14.643	ug/l	98
18) Methyl Acetate	4.31	43	105728	21.884	ug/l	99
19) Methyl tert-butyl Ether	5.03	73	222073	20.748	ug/l	98
20) Methylene Chloride	4.53	84	84550	19.381	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	71503	18.756	ug/l	97
22) Diisopropyl ether	5.94	45	239636	19.918	ug/l	96
23) Vinyl Acetate	5.88	43	808246	96.961	ug/l	99
24) 1,1-Dichloroethane	5.82	63	140642	19.813	ug/l	99
25) 2-Butanone	6.83	43	193908	90.294	ug/l	96
26) 2,2-Dichloropropane	6.80	77	106661	19.762	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	88174	19.555	ug/l	99
28) Bromochloromethane	7.18	49	61978	18.576	ug/l	97
29) Tetrahydrofuran	7.20	42	129207	92.216	ug/l	98
30) Chloroform	7.36	83	143349	19.751	ug/l	100
31) Cyclohexane	7.64	56	123980	18.049	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	117304	20.257	ug/l	99
36) 1,1-Dichloropropene	7.78	75	99531	18.704	ug/l	100
37) Ethyl Acetate	6.92	43	83933	19.694	ug/l	97
38) Carbon Tetrachloride	7.76	117	101264	20.118	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	120039	17.650	ug/l	98
40) Benzene	8.03	78	319625	19.502	ug/l	100
41) Methacrylonitrile	7.16	41	26473m	13.437	ug/l	
42) 1,2-Dichloroethane	8.11	62	105094	20.459	ug/l	100
43) Isopropyl Acetate	8.16	43	143639	20.391	ug/l #	87
44) Trichloroethene	8.82	130	87193	19.310	ug/l	100
45) 1,2-Dichloropropane	9.11	63	86458	19.722	ug/l	100
46) Dibromomethane	9.20	93	52554	19.878	ug/l	96
47) Bromodichloromethane	9.39	83	102642	19.746	ug/l	99
48) Methyl methacrylate	9.19	41	67444	19.831	ug/l	99
49) 1,4-Dioxane	9.20	88	29205	416.706	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	397680	95.016	ug/l	100
52) Toluene	10.15	92	195110	19.814	ug/l	97
53) t-1,3-Dichloropropene	10.37	75	103739	19.232	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	122620	19.551	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	79898	20.232	ug/l	99
56) Ethyl methacrylate	10.43	69	105332	18.801	ug/l	98
57) 1,3-Dichloropropane	10.70	76	130019	19.855	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	179755	75.960	ug/l	100
59) 2-Hexanone	10.75	43	285526	90.200	ug/l	100
60) Dibromochloromethane	10.90	129	81103	20.046	ug/l	99
61) 1,2-Dibromoethane	11.00	107	78868	20.465	ug/l	98
64) Tetrachloroethene	10.63	164	86697	19.116	ug/l	99
65) Chlorobenzene	11.43	112	211490	19.717	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	82354	20.399	ug/l	98
67) Ethyl Benzene	11.50	91	356099	19.209	ug/l	100
68) m/p-Xylenes	11.62	106	269410	39.377	ug/l	100
69) o-Xylene	11.94	106	135377	20.225	ug/l	98
70) Styrene	11.96	104	215828	19.428	ug/l	99
71) Bromoform	12.12	173	57526	20.409	ug/l #	99
73) Isopropylbenzene	12.25	105	354117	19.121	ug/l	100
74) N-amyl acetate	12.07	43	109806	20.420	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	109149	21.881	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	86705m	19.924	ug/l	
77) Bromobenzene	12.52	156	96994	20.067	ug/l	100
78) n-propylbenzene	12.59	91	360446	18.228	ug/l	100
79) 2-Chlorotoluene	12.67	91	235983	19.381	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	301488	19.835	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	26721	19.728	ug/l	93
82) 4-Chlorotoluene	12.77	91	216828	19.029	ug/l	99
83) tert-Butylbenzene	12.99	119	271102	20.148	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	285154	19.497	ug/l	99
85) sec-Butylbenzene	13.17	105	326385	18.805	ug/l	99
86) p-Isopropyltoluene	13.29	119	288694	18.735	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	141717	19.275	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	135540	19.150	ug/l	99
89) n-Butylbenzene	13.61	91	204251	17.199	ug/l	99
90) Hexachloroethane	13.87	117	51432	19.384	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	149860	20.710	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15556	21.119	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	52235	15.946	ug/l	98
94) Hexachlorobutadiene	15.00	225	56624	20.439	ug/l	98
95) Naphthalene	15.12	128	118409	15.660	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	59566	17.193	ug/l	98

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

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