

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080919\
 Data File : VN057141.D
 Acq On : 9 Aug 2019 13:00
 Operator : JC/SP
 Sample : VN0809WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/12/2019 3:34:40 PM

Quant Time: Aug 10 07:30:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1142893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1696346	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1485427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	530257	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.44	65	573092	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
35) Dibromofluoromethane	6.99	113	515547	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
50) Toluene-d8	9.56	98	1966739	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
62) 4-Bromofluorobenzene	11.92	95	613879	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.82	85	161049	17.532	ug/l	99
3) Chloromethane	2.00	50	211669	17.343	ug/l	95
4) Vinyl Chloride	2.11	62	208373	18.367	ug/l	100
5) Bromomethane	2.43	94	149762	19.429	ug/l	99
6) Chloroethane	2.55	64	136230	18.721	ug/l	95
7) Trichlorofluoromethane	2.82	101	312874	19.187	ug/l	98
8) Diethyl Ether	3.14	74	119698	18.999	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.44	101	191659	19.388	ug/l	100
10) Methyl Iodide	3.63	142	276841	18.532	ug/l	100
11) Tert butyl alcohol	4.23	59	154664	92.468	ug/l	99
12) 1,1-Dichloroethene	3.43	96	190519	19.591	ug/l	99
13) Acrolein	3.31	56	89080	84.186	ug/l	99
14) Allyl chloride	3.91	41	292395	20.689	ug/l	95
15) Acrylonitrile	4.45	53	454612	100.426	ug/l	99
16) Acetone	3.47	43	364698	102.742	ug/l	96
17) Carbon Disulfide	3.72	76	472370	18.258	ug/l	100
18) Methyl Acetate	3.89	43	228711	21.248	ug/l	99
19) Methyl tert-butyl Ether	4.49	73	580632	19.777	ug/l	99
20) Methylene Chloride	4.10	84	220974	18.863	ug/l	97
21) trans-1,2-Dichloroethene	4.51	96	199092	18.793	ug/l	99
22) Diisopropyl ether	5.31	45	604600	19.613	ug/l	93
23) Vinyl Acetate	5.26	43	2366175	100.236	ug/l	100
24) 1,1-Dichloroethane	5.25	63	364479	19.233	ug/l	98
25) 2-Butanone	6.20	43	556230	102.562	ug/l	98
26) 2,2-Dichloropropane	6.21	77	285474	20.706	ug/l	99
27) cis-1,2-Dichloroethene	6.21	96	234295	19.305	ug/l	100
28) Bromochloromethane	6.58	49	175366	20.119	ug/l	100
29) Tetrahydrofuran	6.60	42	370586	101.436	ug/l	99
30) Chloroform	6.76	83	374106	19.074	ug/l	98
31) Cyclohexane	7.07	56	315536	18.508	ug/l	96
32) 1,1,1-Trichloroethane	6.98	97	319479	19.417	ug/l	98
36) 1,1-Dichloropropene	7.20	75	275303	19.711	ug/l	99
37) Ethyl Acetate	6.28	43	236794	20.559	ug/l #	100
38) Carbon Tetrachloride	7.19	117	284722	19.561	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.53	83	329902	19.423	ug/l	96
40) Benzene	7.46	78	850384	19.233	ug/l	100
41) Methacrylonitrile	6.55	41	116410	19.905	ug/l	97
42) 1,2-Dichloroethane	7.54	62	271860	19.279	ug/l	100
43) Isopropyl Acetate	7.56	43	395283	20.118	ug/l	98
44) Trichloroethene	8.27	130	242396	19.568	ug/l	98
45) 1,2-Dichloropropane	8.56	63	221290	19.329	ug/l	99
46) Dibromomethane	8.65	93	147401	20.080	ug/l	99
47) Bromodichloromethane	8.85	83	283841	19.984	ug/l	97
48) Methyl methacrylate	8.64	41	177376	19.145	ug/l	99
49) 1,4-Dioxane	8.64	88	77958	413.139	ug/l	99
51) 4-Methyl-2-Pentanone	9.44	43	1147211	100.324	ug/l	100
52) Toluene	9.63	92	546214	19.902	ug/l	97
53) t-1,3-Dichloropropene	9.86	75	298005	20.083	ug/l	100
54) cis-1,3-Dichloropropene	9.30	75	337538	19.824	ug/l	99
55) 1,1,2-Trichloroethane	10.04	97	214021	19.830	ug/l	100
56) Ethyl methacrylate	9.90	69	293660	19.433	ug/l	99
57) 1,3-Dichloropropane	10.19	76	347438	19.521	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.15	63	466674	86.501	ug/l	100
59) 2-Hexanone	10.24	43	794010	102.597	ug/l	99
60) Dibromochloromethane	10.39	129	224798	19.832	ug/l	99
61) 1,2-Dibromoethane	10.50	107	218059	19.580	ug/l	99
64) Tetrachloroethene	10.11	164	245589	19.880	ug/l	97
65) Chlorobenzene	10.93	112	580826	19.434	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.01	131	222814	19.941	ug/l	99
67) Ethyl Benzene	11.01	91	1005715	19.551	ug/l	100
68) m/p-Xylenes	11.13	106	746750	39.405	ug/l	100
69) o-Xylene	11.46	106	368767	19.552	ug/l	98
70) Styrene	11.47	104	578893	19.651	ug/l	99
71) Bromoform	11.64	173	162694	19.877	ug/l #	98
73) Isopropylbenzene	11.76	105	990103	21.417	ug/l	100
74) N-amyl acetate	11.58	43	266811	19.856	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.02	83	281182	21.950	ug/l	100
76) 1,2,3-Trichloropropane	12.08	75	246417m	22.158	ug/l	
77) Bromobenzene	12.04	156	251356	19.722	ug/l	100
78) n-propylbenzene	12.11	91	994527	19.550	ug/l	100
79) 2-Chlorotoluene	12.19	91	626614	20.980	ug/l	100
80) 1,3,5-Trimethylbenzene	12.26	105	805260	19.671	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.82	75	74378	20.624	ug/l	97
82) 4-Chlorotoluene	12.30	91	569213	19.325	ug/l	100
83) tert-Butylbenzene	12.52	119	731736	21.483	ug/l	99
84) 1,2,4-Trimethylbenzene	12.57	105	756074	19.108	ug/l	99
85) sec-Butylbenzene	12.70	105	885117	19.159	ug/l	99
86) p-Isopropyltoluene	12.82	119	763835	18.842	ug/l	99
87) 1,3-Dichlorobenzene	12.81	146	354895	19.559	ug/l	98
88) 1,4-Dichlorobenzene	12.89	146	322359	18.750	ug/l	98
89) n-Butylbenzene	13.15	91	533030	19.032	ug/l	99
90) Hexachloroethane	13.41	117	140364	21.229	ug/l	100
91) 1,2-Dichlorobenzene	13.19	146	347075	19.155	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.81	75	33754	18.108	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.45	180	93262	16.627	ug/l	99
94) Hexachlorobutadiene	14.55	225	147745	21.194	ug/l	97
95) Naphthalene	14.67	128	191170	16.098	ug/l	99
96) 1,2,3-Trichlorobenzene	14.83	180	100648	16.935	ug/l	99

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

