

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022520\
 Data File : VN060222.D
 Acq On : 25 Feb 2020 10:30
 Operator : JC/MD
 Sample : VN0225WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/26/2020 10:45:05 AM

Quant Time: Feb 25 16:02:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	185469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	286777	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	268951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	130611	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	111170	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
35) Dibromofluoromethane	7.57	113	89400	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
50) Toluene-d8	10.08	98	342315	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	12.40	95	124235	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	32201	17.370	ug/l	99
3) Chloromethane	2.04	50	37529	17.011	ug/l	97
4) Vinyl Chloride	2.17	62	42870	17.048	ug/l	100
5) Bromomethane	2.55	94	27354	17.740	ug/l	95
6) Chloroethane	2.69	64	22539	17.721	ug/l	97
7) Trichlorofluoromethane	3.01	101	57041	17.593	ug/l	99
8) Diethyl Ether	3.38	74	19879	18.419	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	32734	18.185	ug/l	98
10) Methyl Iodide	3.93	142	40011	18.206	ug/l	98
11) Tert butyl alcohol	4.73	59	29511	87.382	ug/l	99
12) 1,1-Dichloroethene	3.72	96	31182	17.782	ug/l	97
13) Acrolein	3.58	56	27110	81.211	ug/l	96
14) Allyl chloride	4.30	41	44809	17.362	ug/l	97
15) Acrylonitrile	4.94	53	76459	92.703	ug/l	99
16) Acetone	3.78	43	76847	78.063	ug/l	95
17) Carbon Disulfide	4.03	76	83769	15.849	ug/l	98
18) Methyl Acetate	4.29	43	35517	19.206	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	106893	18.127	ug/l	100
20) Methylene Chloride	4.52	84	35034	17.838	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	34398	17.995	ug/l	94
22) Diisopropyl ether	5.91	45	103128	18.232	ug/l	97
23) Vinyl Acetate	5.86	43	424452	89.357	ug/l	100
24) 1,1-Dichloroethane	5.82	63	62139	18.134	ug/l	98
25) 2-Butanone	6.80	43	104105	84.085	ug/l	96
26) 2,2-Dichloropropane	6.80	77	58451	17.959	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	39715	17.753	ug/l	99
28) Bromochloromethane	7.17	49	25668	19.054	ug/l	100
29) Tetrahydrofuran	7.18	42	68041	89.582	ug/l	98
30) Chloroform	7.35	83	65536	18.258	ug/l	98
31) Cyclohexane	7.63	56	56103	17.576	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	59300	18.079	ug/l	99
36) 1,1-Dichloropropene	7.77	75	48200	18.146	ug/l	99
37) Ethyl Acetate	6.89	43	43480	18.112	ug/l	100
38) Carbon Tetrachloride	7.75	117	51546	17.868	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	58872	17.855	ug/l	99
40) Benzene	8.02	78	142352	18.066	ug/l	99
41) Methacrylonitrile	7.14	41	17318m	17.202	ug/l	
42) 1,2-Dichloroethane	8.10	62	51910	18.797	ug/l	99
43) Isopropyl Acetate	8.14	43	74471	18.147	ug/l	99
44) Trichloroethene	8.82	130	40133	18.395	ug/l	97
45) 1,2-Dichloropropane	9.10	63	37443	19.194	ug/l	96
46) Dibromomethane	9.19	93	24861	18.034	ug/l	97
47) Bromodichloromethane	9.39	83	52007	18.556	ug/l	99
48) Methyl methacrylate	9.18	41	31501	17.109	ug/l	98
49) 1,4-Dioxane	9.18	88	11654	370.457	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	218230	91.875	ug/l	99
52) Toluene	10.14	92	92381	18.283	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	58158	18.384	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	61461	18.450	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	36070	18.298	ug/l	98
56) Ethyl methacrylate	10.42	69	49415	17.721	ug/l	99
57) 1,3-Dichloropropane	10.70	76	60618	18.636	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	117309	90.300	ug/l	98
59) 2-Hexanone	10.74	43	158126	86.179	ug/l	99
60) Dibromochloromethane	10.89	129	41500	18.346	ug/l	100
61) 1,2-Dibromoethane	10.99	107	37743	18.265	ug/l	99
64) Tetrachloroethene	10.62	164	38082	18.626	ug/l	97
65) Chlorobenzene	11.43	112	98486	17.974	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	38303	18.478	ug/l	99
67) Ethyl Benzene	11.51	91	179004	18.113	ug/l	100
68) m/p-Xylenes	11.62	106	134913	36.374	ug/l	98
69) o-Xylene	11.94	106	64503	18.062	ug/l	99
70) Styrene	11.96	104	101677	17.655	ug/l	100
71) Bromoform	12.12	173	29113	17.462	ug/l #	99
73) Isopropylbenzene	12.25	105	174280	17.869	ug/l	98
74) N-amyl acetate	12.07	43	61242	17.413	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	52377	18.657	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	48706m	19.491	ug/l	
77) Bromobenzene	12.52	156	44277	18.293	ug/l	99
78) n-propylbenzene	12.59	91	198575	17.870	ug/l	100
79) 2-Chlorotoluene	12.67	91	117043	17.920	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	147346	18.170	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	17387	17.037	ug/l	99
82) 4-Chlorotoluene	12.77	91	118946	17.750	ug/l	100
83) tert-Butylbenzene	12.99	119	129393	18.037	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	146050	18.245	ug/l	99
85) sec-Butylbenzene	13.17	105	171350	18.036	ug/l	99
86) p-Isopropyltoluene	13.29	119	154366	17.933	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	77729	18.142	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	75990	17.739	ug/l	98
89) n-Butylbenzene	13.61	91	131203	17.329	ug/l	100
90) Hexachloroethane	13.87	117	28521	17.736	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	74705	17.816	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10463	17.019	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	42318	17.177	ug/l	99
94) Hexachlorobutadiene	15.01	225	25426	17.629	ug/l	98
95) Naphthalene	15.13	128	108678	16.330	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	42444	17.300	ug/l	100

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

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