

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022820\
 Data File : VN060274.D
 Acq On : 28 Feb 2020 11:05
 Operator : JC/MD
 Sample : VN0228WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/2/2020 11:00:44 AM

Quant Time: Feb 29 00:49:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	218912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	352375	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	323617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	156402	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	134473	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
35) Dibromofluoromethane	7.56	113	92337	56.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.90%	
50) Toluene-d8	10.08	98	397612	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
62) 4-Bromofluorobenzene	12.40	95	148409	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	37543	18.705	ug/l	97
3) Chloromethane	2.04	50	59263	16.959	ug/l	97
4) Vinyl Chloride	2.16	62	51298	17.117	ug/l	100
5) Bromomethane	2.55	94	21237	15.969	ug/l	97
6) Chloroethane	2.68	64	28187	17.360	ug/l	98
7) Trichlorofluoromethane	3.00	101	68616	17.921	ug/l	99
8) Diethyl Ether	3.38	74	26126	18.072	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	40283	18.590	ug/l	99
10) Methyl Iodide	3.93	142	36476	18.444	ug/l	99
11) Tert butyl alcohol	4.72	59	36951	88.601	ug/l	99
12) 1,1-Dichloroethene	3.71	96	39942	18.944	ug/l	97
13) Acrolein	3.57	56	35074	90.148	ug/l	98
14) Allyl chloride	4.29	41	65627	16.924	ug/l	91
15) Acrylonitrile	4.94	53	96571	87.850	ug/l	99
16) Acetone	3.78	43	73581	81.125	ug/l	98
17) Carbon Disulfide	4.03	76	104680	18.309	ug/l	99
18) Methyl Acetate	4.29	43	50170	16.575	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	138850	18.184	ug/l	99
20) Methylene Chloride	4.52	84	43670	17.532	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	40915	17.833	ug/l	96
22) Diisopropyl ether	5.91	45	142947	18.199	ug/l	94
23) Vinyl Acetate	5.86	43	574322	92.015	ug/l	100
24) 1,1-Dichloroethane	5.81	63	80861	18.186	ug/l	98
25) 2-Butanone	6.80	43	124143	84.738	ug/l	100
26) 2,2-Dichloropropane	6.79	77	74541	18.415	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	49318	17.075	ug/l	99
28) Bromochloromethane	7.17	49	32036	17.549	ug/l	100
29) Tetrahydrofuran	7.18	42	86855	85.256	ug/l	99
30) Chloroform	7.35	83	79619	17.988	ug/l	97
31) Cyclohexane	7.63	56	73524	18.534	ug/l	96
32) 1,1,1-Trichloroethane	7.54	97	71956	18.348	ug/l	100
36) 1,1-Dichloropropene	7.77	75	60147	17.910	ug/l	100
37) Ethyl Acetate	6.89	43	56106	17.644	ug/l	98
38) Carbon Tetrachloride	7.75	117	59635	18.239	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	71982	18.179	ug/l	99
40) Benzene	8.02	78	175511	17.956	ug/l	99
41) Methacrylonitrile	7.13	41	20935	14.258	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	64302	18.230	ug/l	100
43) Isopropyl Acetate	8.14	43	99367	17.849	ug/l	99
44) Trichloroethene	8.81	130	49190	18.069	ug/l	97
45) 1,2-Dichloropropane	9.10	63	47919	18.751	ug/l	97
46) Dibromomethane	9.19	93	29648	17.879	ug/l	97
47) Bromodichloromethane	9.38	83	62057	18.400	ug/l	99
48) Methyl methacrylate	9.18	41	42719	16.828	ug/l	98
49) 1,4-Dioxane	9.18	88	13123	367.595	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	277599	87.949	ug/l	99
52) Toluene	10.14	92	110119	17.935	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	72784	17.613	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	77648	18.133	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	44314	17.947	ug/l	99
56) Ethyl methacrylate	10.42	69	63027	17.767	ug/l	97
57) 1,3-Dichloropropane	10.70	76	74247	18.438	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	167585	90.329	ug/l	100
59) 2-Hexanone	10.74	43	199436	86.057	ug/l	99
60) Dibromochloromethane	10.89	129	45123	17.970	ug/l	100
61) 1,2-Dibromoethane	10.99	107	42430	17.628	ug/l	100
64) Tetrachloroethene	10.62	164	51854	19.488	ug/l	98
65) Chlorobenzene	11.43	112	116101	17.767	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	43734	18.101	ug/l	99
67) Ethyl Benzene	11.50	91	217162	18.249	ug/l	98
68) m/p-Xylenes	11.61	106	161794	36.036	ug/l	100
69) o-Xylene	11.94	106	78005	18.219	ug/l	99
70) Styrene	11.96	104	123684	17.571	ug/l	99
71) Bromoform	12.12	173	30435	17.478	ug/l #	98
73) Isopropylbenzene	12.24	105	208761	18.009	ug/l	98
74) N-amyl acetate	12.06	43	85588	16.896	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	56088	17.800	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	54026m	15.744	ug/l	
77) Bromobenzene	12.52	156	50741	17.857	ug/l	97
78) n-propylbenzene	12.59	91	244299	17.979	ug/l	99
79) 2-Chlorotoluene	12.67	91	142992	17.902	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	178430	18.281	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	21524	17.315	ug/l	92
82) 4-Chlorotoluene	12.77	91	148682	17.668	ug/l	99
83) tert-Butylbenzene	12.99	119	153884	18.210	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	177557	18.023	ug/l	99
85) sec-Butylbenzene	13.17	105	206264	18.228	ug/l	99
86) p-Isopropyltoluene	13.28	119	185489	17.710	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	90954	18.508	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	91081	18.543	ug/l	99
89) n-Butylbenzene	13.61	91	170653	17.749	ug/l	99
90) Hexachloroethane	13.87	117	27242	17.969	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	89223	17.919	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11866	16.629	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	58785	18.636	ug/l	99
94) Hexachlorobutadiene	15.00	225	28994	19.588	ug/l	97
95) Naphthalene	15.13	128	163971	17.418	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	56027	18.689	ug/l	99

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

