

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020620\
 Data File : VN060008.D
 Acq On : 6 Feb 2020 11:15
 Operator : JC/MD
 Sample : VN0206WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/7/2020 1:44:33 PM

Quant Time: Feb 06 17:59:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	182606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	285325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	260485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	124562	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	107589	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
35) Dibromofluoromethane	7.56	113	89634	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
50) Toluene-d8	10.08	98	334070	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.40	95	122912	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	34787	15.800	ug/l	100
3) Chloromethane	2.04	50	35788	17.118	ug/l	99
4) Vinyl Chloride	2.17	62	45615	19.070	ug/l	96
5) Bromomethane	2.55	94	27623	18.923	ug/l	98
6) Chloroethane	2.69	64	21987	19.429	ug/l	98
7) Trichlorofluoromethane	3.00	101	55814	19.429	ug/l	100
8) Diethyl Ether	3.39	74	20313	20.149	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.73	101	33056	20.675	ug/l	94
10) Methyl Iodide	3.93	142	40121	15.525	ug/l	96
11) Tert butyl alcohol	4.73	59	34043	99.721	ug/l	99
12) 1,1-Dichloroethene	3.72	96	30709	18.381	ug/l	91
13) Acrolein	3.58	56	14161	58.599	ug/l	94
14) Allyl chloride	4.29	41	50181	22.284	ug/l	94
15) Acrylonitrile	4.94	53	81710	104.928	ug/l	99
16) Acetone	3.78	43	91721	127.714	ug/l	97
17) Carbon Disulfide	4.03	76	74194	15.590	ug/l	98
18) Methyl Acetate	4.29	43	50780	21.438	ug/l	91
19) Methyl tert-butyl Ether	5.00	73	115420	21.189	ug/l	95
20) Methylene Chloride	4.52	84	36499	19.094	ug/l	91
21) trans-1,2-Dichloroethene	5.01	96	33559	18.897	ug/l	84
22) Diisopropyl ether	5.91	45	108408	21.244	ug/l	90
23) Vinyl Acetate	5.86	43	407703	103.189	ug/l	95
24) 1,1-Dichloroethane	5.82	63	63861	20.481	ug/l	98
25) 2-Butanone	6.80	43	119253	103.845	ug/l	93
26) 2,2-Dichloropropane	6.79	77	62459	20.836	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	40987	20.066	ug/l	90
28) Bromochloromethane	7.17	49	24086	19.327	ug/l #	77
29) Tetrahydrofuran	7.18	42	70828	99.684	ug/l	90
30) Chloroform	7.35	83	69323	21.457	ug/l	96
31) Cyclohexane	7.63	56	55113	18.369	ug/l #	86
32) 1,1,1-Trichloroethane	7.54	97	62134	20.800	ug/l	96
36) 1,1-Dichloropropene	7.77	75	47437	19.092	ug/l	96
37) Ethyl Acetate	6.89	43	47686	20.462	ug/l	99
38) Carbon Tetrachloride	7.75	117	54467	20.152	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	55855	18.231	ug/l	95
40) Benzene	8.02	78	144177	19.456	ug/l	99
41) Methacrylonitrile	7.15	41	21220m	18.486	ug/l	
42) 1,2-Dichloroethane	8.10	62	53911	21.457	ug/l	97
43) Isopropyl Acetate	8.14	43	80916	20.186	ug/l	96
44) Trichloroethene	8.82	130	41670	20.599	ug/l	100
45) 1,2-Dichloropropane	9.10	63	38579	21.039	ug/l	99
46) Dibromomethane	9.19	93	27161	20.998	ug/l	93
47) Bromodichloromethane	9.39	83	55344	21.232	ug/l	98
48) Methyl methacrylate	9.18	41	34991	19.516	ug/l	92
49) 1,4-Dioxane	9.18	88	14189	432.289	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	236975	102.269	ug/l	96
52) Toluene	10.14	92	95558	20.415	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	61199	21.027	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	64021	20.906	ug/l	94
55) 1,1,2-Trichloroethane	10.55	97	38757	20.906	ug/l	99
56) Ethyl methacrylate	10.42	69	55128	19.462	ug/l	95
57) 1,3-Dichloropropane	10.70	76	63517	21.581	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	90488	106.057	ug/l	94
59) 2-Hexanone	10.74	43	175695	102.922	ug/l	93
60) Dibromochloromethane	10.89	129	44731	21.189	ug/l	99
61) 1,2-Dibromoethane	10.99	107	40586	20.888	ug/l	97
64) Tetrachloroethene	10.62	164	42148	19.853	ug/l	97
65) Chlorobenzene	11.43	112	103611	20.237	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	41562	21.009	ug/l	99
67) Ethyl Benzene	11.50	91	185986	20.011	ug/l	98
68) m/p-Xylenes	11.62	106	139388	39.702	ug/l	95
69) o-Xylene	11.94	106	67663	19.686	ug/l	96
70) Styrene	11.96	104	108172	18.808	ug/l	97
71) Bromoform	12.12	173	32370	20.427	ug/l #	96
73) Isopropylbenzene	12.25	105	185432	20.298	ug/l	100
74) N-amyl acetate	12.07	43	67989	19.180	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	54845	20.709	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	47773m	22.790	ug/l	
77) Bromobenzene	12.52	156	46016	19.891	ug/l	85
78) n-propylbenzene	12.59	91	205211	20.014	ug/l	98
79) 2-Chlorotoluene	12.67	91	124272	20.373	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	152955	19.909	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	19281	19.752	ug/l	97
82) 4-Chlorotoluene	12.77	91	125845	20.569	ug/l	97
83) tert-Butylbenzene	12.99	119	135882	20.450	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	153994	20.260	ug/l	99
85) sec-Butylbenzene	13.17	105	177669	20.351	ug/l	100
86) p-Isopropyltoluene	13.29	119	159802	19.783	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	82380	20.500	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	81064	20.221	ug/l	98
89) n-Butylbenzene	13.61	91	138453	20.102	ug/l	99
90) Hexachloroethane	13.87	117	30558	20.219	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	81425	20.496	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11492	18.919	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	47155	19.754	ug/l	100
94) Hexachlorobutadiene	15.01	225	26749	20.334	ug/l	99
95) Naphthalene	15.13	128	127332	18.753	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	47752	20.551	ug/l	97

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

