

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060220\
 Data File : VN061615.D
 Acq On : 2 Jun 2020 13:01
 Operator : JC/MD
 Sample : VN0602WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0602WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/3/2020 11:32:22 AM

Quant Time: Jun 03 02:04:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	355370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	605839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	572825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	275304	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	215617	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
35) Dibromofluoromethane	7.55	113	170221	55.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.78%	
50) Toluene-d8	10.06	98	717803	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.37	95	261511	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	78887	19.933	ug/l	95
3) Chloromethane	2.03	50	83143	19.182	ug/l	99
4) Vinyl Chloride	2.16	62	112672	18.969	ug/l	100
5) Bromomethane	2.54	94	70070	20.559	ug/l	97
6) Chloroethane	2.67	64	70752	18.506	ug/l	99
7) Trichlorofluoromethane	2.98	101	163546	21.352	ug/l	98
8) Diethyl Ether	3.37	74	42550	18.167	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	64881	19.089	ug/l	100
10) Methyl Iodide	3.91	142	90409	19.161	ug/l	99
11) Tert butyl alcohol	4.73	59	50086	88.935	ug/l #	86
12) 1,1-Dichloroethene	3.70	96	67804	18.672	ug/l	91
13) Acrolein	3.57	56	17409	86.691	ug/l	98
14) Allyl chloride	4.27	41	87038	18.334	ug/l	98
15) Acrylonitrile	4.93	53	138642	88.199	ug/l	99
16) Acetone	3.78	43	104289	85.288	ug/l	98
17) Carbon Disulfide	4.01	76	154875	19.386	ug/l	100
18) Methyl Acetate	4.27	43	65768	17.159	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	232669	18.800	ug/l	100
20) Methylene Chloride	4.50	84	75767	18.595	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	76010	18.561	ug/l	96
22) Diisopropyl ether	5.90	45	196375	18.768	ug/l	97
23) Vinyl Acetate	5.84	43	730805	87.632	ug/l	98
24) 1,1-Dichloroethane	5.80	63	123798	18.658	ug/l	99
25) 2-Butanone	6.79	43	166964	83.207	ug/l	99
26) 2,2-Dichloropropane	6.77	77	117188	19.297	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	89250	19.247	ug/l	100
28) Bromochloromethane	7.15	49	51712	19.922	ug/l	99
29) Tetrahydrofuran	7.17	42	110737	83.689	ug/l	98
30) Chloroform	7.33	83	139348	18.984	ug/l	97
31) Cyclohexane	7.61	56	108491	18.181	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	127743	19.099	ug/l	100
36) 1,1-Dichloropropene	7.75	75	101399	18.906	ug/l	99
37) Ethyl Acetate	6.88	43	77227	17.878	ug/l	99
38) Carbon Tetrachloride	7.73	117	98532	19.046	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	101736	15.390	ug/l	97
40) Benzene	8.00	78	305495	18.461	ug/l	98
41) Methacrylonitrile	7.12	41	27031	13.658	ug/l	89
42) 1,2-Dichloroethane	8.08	62	102396	18.483	ug/l	99
43) Isopropyl Acetate	8.12	43	134739	17.337	ug/l	93
44) Trichloroethene	8.80	130	97598	19.191	ug/l	94
45) 1,2-Dichloropropane	9.08	63	72896	18.551	ug/l	97
46) Dibromomethane	9.17	93	54527	18.093	ug/l	99
47) Bromodichloromethane	9.37	83	112786	18.890	ug/l	100
48) Methyl methacrylate	9.17	41	59078	16.896	ug/l	99
49) 1,4-Dioxane	9.17	88	21092	389.378	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	377719	86.246	ug/l	100
52) Toluene	10.12	92	205363	19.014	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	116813	18.161	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	129489	18.723	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	82087	19.076	ug/l	96
56) Ethyl methacrylate	10.40	69	109157	18.160	ug/l	99
57) 1,3-Dichloropropane	10.68	76	127068	18.463	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	226846	88.309	ug/l	99
59) 2-Hexanone	10.72	43	262916	83.591	ug/l	100
60) Dibromochloromethane	10.87	129	91604	18.725	ug/l	100
61) 1,2-Dibromoethane	10.98	107	85526	19.057	ug/l	100
64) Tetrachloroethene	10.60	164	98559	18.278	ug/l	99
65) Chlorobenzene	11.41	112	224734	18.874	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	82367	18.578	ug/l	99
67) Ethyl Benzene	11.48	91	393893	19.140	ug/l	99
68) m/p-Xylenes	11.59	106	309134	37.884	ug/l	98
69) o-Xylene	11.92	106	148091	19.108	ug/l	100
70) Styrene	11.94	104	245520	19.129	ug/l	99
71) Bromoform	12.10	173	60422	17.686	ug/l #	100
73) Isopropylbenzene	12.22	105	380729	18.948	ug/l	99
74) N-amyl acetate	12.04	43	115674	18.280	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	101095	17.954	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	92926m	18.563	ug/l	
77) Bromobenzene	12.50	156	99766	19.451	ug/l	99
78) n-propylbenzene	12.56	91	411552	18.347	ug/l	99
79) 2-Chlorotoluene	12.65	91	252310	18.863	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	311617	18.555	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	31878	16.284	ug/l	94
82) 4-Chlorotoluene	12.75	91	260411	18.506	ug/l	100
83) tert-Butylbenzene	12.97	119	256638	17.295	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	316162	18.950	ug/l	100
85) sec-Butylbenzene	13.15	105	318367	16.650	ug/l	100
86) p-Isopropyltoluene	13.26	119	292928	16.635	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	172277	18.968	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	172624	18.657	ug/l	98
89) n-Butylbenzene	13.59	91	237262	16.087	ug/l	99
90) Hexachloroethane	13.85	117	34432	17.681	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	164855	18.993	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	19397	16.891	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	86547	17.049	ug/l	99
94) Hexachlorobutadiene	14.98	225	26919	12.434	ug/l	99
95) Naphthalene	15.10	128	286210	18.524	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	83716	16.773	ug/l	99

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

