

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052120\
 Data File : VN061522.D
 Acq On : 21 May 2020 11:52
 Operator : JC/MD
 Sample : VN0521WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBS01

Quant Time: May 22 07:46:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	321879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	564936	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	525603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	249657	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	208868	43.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.96%	
35) Dibromofluoromethane	7.54	113	155834	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
50) Toluene-d8	10.06	98	671151	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.37	95	248101	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	54724	20.447	ug/l	98
3) Chloromethane	2.03	50	74171	16.991	ug/l	99
4) Vinyl Chloride	2.16	62	106633	17.068	ug/l	100
5) Bromomethane	2.54	94	62940	17.314	ug/l	97
6) Chloroethane	2.67	64	70629	16.796	ug/l	98
7) Trichlorofluoromethane	2.98	101	155929	20.558	ug/l	99
8) Diethyl Ether	3.37	74	42855	19.398	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.71	101	66922	21.217	ug/l	97
10) Methyl Iodide	3.91	142	81692	21.324	ug/l	98
11) Tert butyl alcohol	4.73	59	54498	98.457	ug/l	97
12) 1,1-Dichloroethene	3.69	96	65007	19.703	ug/l	90
13) Acrolein	3.56	56	36215	78.479	ug/l	97
14) Allyl chloride	4.27	41	90529	16.860	ug/l	97
15) Acrylonitrile	4.92	53	142355	86.807	ug/l	99
16) Acetone	3.77	43	120689	90.922	ug/l	96
17) Carbon Disulfide	4.00	76	155605	20.065	ug/l	98
18) Methyl Acetate	4.27	43	59765	17.444	ug/l	96
19) Methyl tert-butyl Ether	4.98	73	230873	18.440	ug/l	95
20) Methylene Chloride	4.50	84	76309	19.328	ug/l	90
21) trans-1,2-Dichloroethene	4.98	96	74277	19.524	ug/l	94
22) Diisopropyl ether	5.90	45	207546	17.201	ug/l	97
23) Vinyl Acetate	5.84	43	809485	84.366	ug/l	96
24) 1,1-Dichloroethane	5.79	63	128965	18.325	ug/l	99
25) 2-Butanone	6.78	43	181507	82.984	ug/l	96
26) 2,2-Dichloropropane	6.77	77	123102	18.349	ug/l	97
27) cis-1,2-Dichloroethene	6.77	96	87559	19.484	ug/l	91
28) Bromochloromethane	7.14	49	57945	19.397	ug/l	86
29) Tetrahydrofuran	7.16	42	119036	82.176	ug/l	94
30) Chloroform	7.32	83	143638	19.541	ug/l	99
31) Cyclohexane	7.61	56	115282	16.623	ug/l	92
32) 1,1,1-Trichloroethane	7.52	97	130563	19.438	ug/l	97
36) 1,1-Dichloropropene	7.75	75	103830	19.656	ug/l	98
37) Ethyl Acetate	6.88	43	79269	16.547	ug/l	99
38) Carbon Tetrachloride	7.73	117	98935	20.340	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	120597	18.692	ug/l	94
40) Benzene	8.00	78	313872	19.717	ug/l	98
41) Methacrylonitrile	7.14	41	42872m	21.189	ug/l	
42) 1,2-Dichloroethane	8.08	62	107075	18.669	ug/l	98
43) Isopropyl Acetate	8.12	43	139923	16.747	ug/l	98
44) Trichloroethene	8.80	130	91476	21.930	ug/l	96
45) 1,2-Dichloropropane	9.08	63	75719	19.003	ug/l	99
46) Dibromomethane	9.17	93	54810	19.622	ug/l	94
47) Bromodichloromethane	9.37	83	114017	19.373	ug/l	99
48) Methyl methacrylate	9.17	41	60681	15.721	ug/l	94
49) 1,4-Dioxane	9.16	88	25396	610.884	ug/l	92
51) 4-Methyl-2-Pentanone	9.95	43	398028	87.448	ug/l	99
52) Toluene	10.12	92	208888	20.439	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	120644	18.703	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	130613	19.048	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	80937	20.947	ug/l	98
56) Ethyl methacrylate	10.40	69	112692	18.655	ug/l	95
57) 1,3-Dichloropropane	10.68	76	131269	19.658	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	233899	88.213	ug/l	94
59) 2-Hexanone	10.72	43	280061	85.047	ug/l	97
60) Dibromochloromethane	10.87	129	88079	20.608	ug/l	100
61) 1,2-Dibromoethane	10.98	107	82212	20.236	ug/l	97
64) Tetrachloroethene	10.60	164	90730	22.313	ug/l	96
65) Chlorobenzene	11.40	112	224946	20.987	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	81596	21.235	ug/l	98
67) Ethyl Benzene	11.48	91	398573	20.372	ug/l	97
68) m/p-Xylenes	11.59	106	311117	41.894	ug/l	96
69) o-Xylene	11.92	106	148572	20.674	ug/l	96
70) Styrene	11.94	104	244560	20.550	ug/l	98
71) Bromoform	12.10	173	54868	19.641	ug/l #	99
73) Isopropylbenzene	12.22	105	393047	19.611	ug/l	98
74) N-amyl acetate	12.04	43	117803	16.058	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	103317	18.737	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	93595m	17.472	ug/l	
77) Bromobenzene	12.50	156	94102	21.634	ug/l	87
78) n-propylbenzene	12.56	91	440801	19.303	ug/l	97
79) 2-Chlorotoluene	12.65	91	259361	19.215	ug/l	96
80) 1,3,5-Trimethylbenzene	12.71	105	326698	19.908	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	32944	16.314	ug/l	95
82) 4-Chlorotoluene	12.74	91	270460	19.351	ug/l	97
83) tert-Butylbenzene	12.97	119	276206	19.649	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	330111	20.100	ug/l	98
85) sec-Butylbenzene	13.15	105	363228	19.109	ug/l	98
86) p-Isopropyltoluene	13.26	119	334840	19.838	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	166596	20.928	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	168199	21.098	ug/l	99
89) n-Butylbenzene	13.59	91	280993	18.325	ug/l	99
90) Hexachloroethane	13.85	117	42995	18.796	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	160787	21.057	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19414	17.429	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	85349	20.614	ug/l	99
94) Hexachlorobutadiene	14.98	225	37013	20.120	ug/l	99
95) Naphthalene	15.10	128	261779	19.888	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	86022	20.870	ug/l	98

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

