

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052120\
 Data File : VN061523.D
 Acq On : 21 May 2020 12:21
 Operator : JC/MD
 Sample : VN0521WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBSD01

Quant Time: May 22 07:48:24 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	290633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	499925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	467296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	220891	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	186466	42.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.98%	
35) Dibromofluoromethane	7.54	113	138314	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
50) Toluene-d8	10.06	98	572857	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
62) 4-Bromofluorobenzene	12.37	95	211192	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	43811	18.129	ug/l	100
3) Chloromethane	2.03	50	58982	14.964	ug/l	100
4) Vinyl Chloride	2.16	62	83007	14.715	ug/l	100
5) Bromomethane	2.54	94	49610	14.563	ug/l	98
6) Chloroethane	2.67	64	54767	14.424	ug/l	96
7) Trichlorofluoromethane	2.98	101	114001	16.646	ug/l	98
8) Diethyl Ether	3.37	74	35806	17.949	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.72	101	53275	18.706	ug/l	98
10) Methyl Iodide	3.91	142	66981	19.364	ug/l	100
11) Tert butyl alcohol	4.73	59	43144	86.325	ug/l	100
12) 1,1-Dichloroethene	3.69	96	51577	17.313	ug/l	92
13) Acrolein	3.56	56	30897	73.002	ug/l	95
14) Allyl chloride	4.27	41	72381	14.929	ug/l	96
15) Acrylonitrile	4.93	53	115786	78.197	ug/l	99
16) Acetone	3.77	43	94318	77.082	ug/l	98
17) Carbon Disulfide	4.00	76	130537	18.399	ug/l	100
18) Methyl Acetate	4.27	43	47258	15.140	ug/l	94
19) Methyl tert-butyl Ether	4.99	73	189909	16.798	ug/l	96
20) Methylene Chloride	4.50	84	61492	17.250	ug/l	94
21) trans-1,2-Dichloroethene	4.98	96	60334	17.564	ug/l	94
22) Diisopropyl ether	5.90	45	168383	15.456	ug/l	98
23) Vinyl Acetate	5.84	43	659972	76.178	ug/l	98
24) 1,1-Dichloroethane	5.79	63	102968	16.204	ug/l	99
25) 2-Butanone	6.78	43	144786	73.312	ug/l	95
26) 2,2-Dichloropropane	6.77	77	96330	15.902	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	71643	17.656	ug/l	90
28) Bromochloromethane	7.14	49	45818	16.987	ug/l	85
29) Tetrahydrofuran	7.16	42	95934	73.347	ug/l	94
30) Chloroform	7.33	83	114272	17.217	ug/l	99
31) Cyclohexane	7.61	56	90268	13.995	ug/l	# 89
32) 1,1,1-Trichloroethane	7.53	97	102138	16.841	ug/l	98
36) 1,1-Dichloropropene	7.75	75	83140	17.786	ug/l	97
37) Ethyl Acetate	6.88	43	63010	14.863	ug/l	98
38) Carbon Tetrachloride	7.73	117	78595	18.260	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	93195	16.323	ug/l	95
40) Benzene	8.00	78	251071	17.823	ug/l	99
41) Methacrylonitrile	7.13	41	31176m	17.412	ug/l	
42) 1,2-Dichloroethane	8.08	62	87692	17.278	ug/l	97
43) Isopropyl Acetate	8.12	43	111781	15.118	ug/l	97
44) Trichloroethene	8.80	130	71302	19.317	ug/l	96
45) 1,2-Dichloropropane	9.08	63	60519	17.163	ug/l	100
46) Dibromomethane	9.17	93	44894	18.162	ug/l	92
47) Bromodichloromethane	9.37	83	91343	17.539	ug/l	96
48) Methyl methacrylate	9.16	41	49218	14.410	ug/l	95
49) 1,4-Dioxane	9.16	88	18572	498.029	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	313597	77.858	ug/l	98
52) Toluene	10.12	92	164804	18.222	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	97119	17.014	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	105632	17.408	ug/l	93
55) 1,1,2-Trichloroethane	10.53	97	63668	18.620	ug/l	99
56) Ethyl methacrylate	10.40	69	89683	16.777	ug/l	93
57) 1,3-Dichloropropane	10.68	76	105355	17.829	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	182767	77.892	ug/l	93
59) 2-Hexanone	10.72	43	218561	75.002	ug/l	97
60) Dibromochloromethane	10.87	129	71109	18.801	ug/l	99
61) 1,2-Dibromoethane	10.98	107	66446	18.482	ug/l	97
64) Tetrachloroethene	10.60	164	70844	19.596	ug/l	97
65) Chlorobenzene	11.40	112	177230	18.599	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	65501	19.173	ug/l	97
67) Ethyl Benzene	11.48	91	308467	17.733	ug/l	98
68) m/p-Xylenes	11.59	106	242725	36.763	ug/l	96
69) o-Xylene	11.92	106	116977	18.308	ug/l	95
70) Styrene	11.94	104	191439	18.093	ug/l	98
71) Bromoform	12.10	173	43114	17.594	ug/l	# 98
73) Isopropylbenzene	12.22	105	304031	17.145	ug/l	98
74) N-amyl acetate	12.04	43	93516	14.407	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	83497	17.114	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	75973m	16.029	ug/l	
77) Bromobenzene	12.50	156	72988	18.965	ug/l	88
78) n-propylbenzene	12.56	91	343058	16.979	ug/l	96
79) 2-Chlorotoluene	12.65	91	205091	17.173	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	253931	17.489	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	25725	14.398	ug/l	97
82) 4-Chlorotoluene	12.75	91	213602	17.273	ug/l	96
83) tert-Butylbenzene	12.97	119	211526	17.008	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	254972	17.547	ug/l	97
85) sec-Butylbenzene	13.15	105	282710	16.810	ug/l	99
86) p-Isopropyltoluene	13.26	119	258341	17.299	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	133614	18.971	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	134639	19.088	ug/l	99
89) n-Butylbenzene	13.59	91	218348	16.094	ug/l	98
90) Hexachloroethane	13.85	117	32584	16.099	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	128087	18.959	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	15299	15.524	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	68813	18.784	ug/l	99
94) Hexachlorobutadiene	14.98	225	29672	18.230	ug/l	98
95) Naphthalene	15.10	128	213204	18.307	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	67749	18.578	ug/l	100

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

