

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080320\
 Data File : VN062728.D
 Acq On : 3 Aug 2020 12:07
 Operator : JC/MD
 Sample : VN0803WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/4/2020 1:52:20 PM

Quant Time: Aug 04 04:21:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	145450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	237883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	223105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	104330	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	126171	55.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.68%	
35) Dibromofluoromethane	7.55	113	84117	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	
50) Toluene-d8	10.06	98	320242	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
62) 4-Bromofluorobenzene	12.38	95	120601	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	32612	18.797	ug/l	98
3) Chloromethane	2.03	50	34763	14.773	ug/l	99
4) Vinyl Chloride	2.16	62	34147	16.739	ug/l	97
5) Bromomethane	2.52	94	21668	23.982	ug/l	98
6) Chloroethane	2.66	64	20526	22.244	ug/l	96
7) Trichlorofluoromethane	2.98	101	59685	24.920	ug/l	99
8) Diethyl Ether	3.37	74	21659	19.338	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.71	101	31311	20.390	ug/l	97
10) Methyl Iodide	3.91	142	35353	18.008	ug/l	94
11) Tert butyl alcohol	4.73	59	33429	93.003	ug/l	98
12) 1,1-Dichloroethene	3.69	96	30028	19.281	ug/l	97
13) Acrolein	3.57	56	15686	48.869	ug/l	99
14) Allyl chloride	4.27	41	57830	17.166	ug/l	94
15) Acrylonitrile	4.93	53	87967	91.370	ug/l	99
16) Acetone	3.77	43	83663	98.396	ug/l	95
17) Carbon Disulfide	4.00	76	86277	16.861	ug/l	97
18) Methyl Acetate	4.28	43	44154	20.513	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	116880	20.390	ug/l	96
20) Methylene Chloride	4.50	84	35997	17.652	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	32721	18.930	ug/l	96
22) Diisopropyl ether	5.90	45	120132	17.940	ug/l	94
23) Vinyl Acetate	5.84	43	492199	89.706	ug/l	97
24) 1,1-Dichloroethane	5.80	63	68470	18.988	ug/l	99
25) 2-Butanone	6.78	43	118479	91.495	ug/l	96
26) 2,2-Dichloropropane	6.77	77	64085	21.649	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	37764	19.146	ug/l	99
28) Bromochloromethane	7.15	49	31327	17.653	ug/l	91
29) Tetrahydrofuran	7.16	42	74166	84.643	ug/l	91
30) Chloroform	7.33	83	71336	20.807	ug/l	94
31) Cyclohexane	7.61	56	57064	17.140	ug/l	92
32) 1,1,1-Trichloroethane	7.53	97	65142	22.757	ug/l	98
36) 1,1-Dichloropropene	7.75	75	51137	20.168	ug/l	99
37) Ethyl Acetate	6.88	43	49003	17.929	ug/l	97
38) Carbon Tetrachloride	7.73	117	57517	23.599	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	53680	19.667	ug/l	98
40) Benzene	8.00	78	146317	19.061	ug/l	99
41) Methacrylonitrile	7.12	41	20697m	17.669	ug/l	
42) 1,2-Dichloroethane	8.08	62	62808	22.380	ug/l	97
43) Isopropyl Acetate	8.12	43	82145	18.643	ug/l	99
44) Trichloroethene	8.80	130	35236	20.355	ug/l	95
45) 1,2-Dichloropropane	9.08	63	39942	18.532	ug/l	95
46) Dibromomethane	9.17	93	25810	20.719	ug/l	99
47) Bromodichloromethane	9.37	83	57534	21.319	ug/l	98
48) Methyl methacrylate	9.17	41	39868	19.034	ug/l	97
49) 1,4-Dioxane	9.16	88	12528	389.436	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	247418	93.848	ug/l	98
52) Toluene	10.12	92	90727	20.354	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	62856	20.922	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	64914	20.136	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	35806	20.709	ug/l	98
56) Ethyl methacrylate	10.40	69	55538	19.025	ug/l	97
57) 1,3-Dichloropropane	10.68	76	63549	20.063	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	77549	94.039	ug/l	95
59) 2-Hexanone	10.72	43	178628	89.532	ug/l	99
60) Dibromochloromethane	10.87	129	42169	21.862	ug/l	99
61) 1,2-Dibromoethane	10.98	107	36350	20.190	ug/l	98
64) Tetrachloroethene	10.60	164	30313	20.912	ug/l	95
65) Chlorobenzene	11.40	112	93454	19.981	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	37590	21.363	ug/l	96
67) Ethyl Benzene	11.48	91	172090	20.067	ug/l	98
68) m/p-Xylenes	11.59	106	127785	41.457	ug/l	100
69) o-Xylene	11.92	106	60701	20.738	ug/l	96
70) Styrene	11.94	104	104313	21.097	ug/l	98
71) Bromoform	12.10	173	28388	21.488	ug/l #	97
73) Isopropylbenzene	12.22	105	171452	20.783	ug/l	99
74) N-amyl acetate	12.04	43	66901	18.159	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	53728	18.742	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	52042m	19.597	ug/l	
77) Bromobenzene	12.50	156	38913	19.628	ug/l	95
78) n-propylbenzene	12.56	91	197946	20.485	ug/l	99
79) 2-Chlorotoluene	12.65	91	121557	20.412	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	150244	21.956	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	18044	18.915	ug/l	91
82) 4-Chlorotoluene	12.75	91	124393	20.068	ug/l	100
83) tert-Butylbenzene	12.97	119	124658	21.939	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	143929	21.441	ug/l	98
85) sec-Butylbenzene	13.15	105	163449	21.486	ug/l	100
86) p-Isopropyltoluene	13.26	119	147576	22.556	ug/l	97
87) 1,3-Dichlorobenzene	13.26	146	69749	20.049	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	71211	20.793	ug/l	98
89) n-Butylbenzene	13.59	91	117427	20.888	ug/l	99
90) Hexachloroethane	13.85	117	27754	19.927	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	67048	20.155	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11359	21.824	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	30372	19.390	ug/l	98
94) Hexachlorobutadiene	14.98	225	23044	25.392	ug/l	98
95) Naphthalene	15.10	128	75079	18.726	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	29843	19.036	ug/l	96

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

