

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062286.D
 Acq On : 1 Jul 2020 12:50
 Operator : JC/MD
 Sample : VN0701WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 12:38:48 PM

Quant Time: Jul 01 16:41:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	200941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	369046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	346260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	153125	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	162497	57.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.26%	
35) Dibromofluoromethane	7.54	113	123523	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	10.06	98	488348	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
62) 4-Bromofluorobenzene	12.37	95	162862	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	42706	18.803	ug/l	96
3) Chloromethane	2.04	50	56284	20.253	ug/l	98
4) Vinyl Chloride	2.16	62	66123	18.487	ug/l	99
5) Bromomethane	2.53	94	45721	19.778	ug/l	99
6) Chloroethane	2.67	64	45981	18.819	ug/l	99
7) Trichlorofluoromethane	2.98	101	79282	17.989	ug/l	99
8) Diethyl Ether	3.37	74	34833	22.634	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	47891	20.750	ug/l	97
10) Methyl Iodide	3.91	142	51024	19.630	ug/l	99
11) Tert butyl alcohol	4.73	59	46598	115.093	ug/l	100
12) 1,1-Dichloroethene	3.70	96	46067	19.966	ug/l	98
13) Acrolein	3.57	56	39527	99.717	ug/l	93
14) Allyl chloride	4.28	41	71750	22.841	ug/l	97
15) Acrylonitrile	4.93	53	129126	117.037	ug/l	99
16) Acetone	3.77	43	109746	121.915	ug/l	100
17) Carbon Disulfide	4.01	76	129097	19.565	ug/l	96
18) Methyl Acetate	4.28	43	55154	24.604	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	163745	22.209	ug/l	95
20) Methylene Chloride	4.50	84	60785	23.366	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	52253	19.880	ug/l	95
22) Diisopropyl ether	5.90	45	166467	23.274	ug/l	95
23) Vinyl Acetate	5.84	43	677760	116.062	ug/l	97
24) 1,1-Dichloroethane	5.80	63	100876	21.902	ug/l	99
25) 2-Butanone	6.79	43	162061	117.579	ug/l	96
26) 2,2-Dichloropropane	6.77	77	79412	20.691	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	60180	20.347	ug/l	95
28) Bromochloromethane	7.15	49	43166	21.601	ug/l	88
29) Tetrahydrofuran	7.17	42	106120	117.537	ug/l	97
30) Chloroform	7.33	83	99513	21.236	ug/l	98
31) Cyclohexane	7.61	56	81668	20.962	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	81829	20.706	ug/l	98
36) 1,1-Dichloropropene	7.75	75	73195	19.732	ug/l	97
37) Ethyl Acetate	6.88	43	68206	22.205	ug/l	98
38) Carbon Tetrachloride	7.73	117	66758	19.089	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	80265	19.748	ug/l	95
40) Benzene	8.00	78	231534	20.478	ug/l	98
41) Methacrylonitrile	7.13	41	30825	21.646	ug/l #	75
42) 1,2-Dichloroethane	8.08	62	83185	21.776	ug/l	98
43) Isopropyl Acetate	8.12	43	110786	22.125	ug/l #	90
44) Trichloroethene	8.80	130	52504	18.409	ug/l	93
45) 1,2-Dichloropropane	9.08	63	60585	21.720	ug/l	95
46) Dibromomethane	9.17	93	39534	20.905	ug/l	96
47) Bromodichloromethane	9.37	83	79712	20.875	ug/l	99
48) Methyl methacrylate	9.17	41	50001	22.271	ug/l	97
49) 1,4-Dioxane	9.16	88	20416	410.056	ug/l #	90
51) 4-Methyl-2-Pentanone	9.95	43	340306	116.323	ug/l	99
52) Toluene	10.12	92	142445	20.649	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	85708	20.401	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	95314	21.310	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	57538	21.218	ug/l	95
56) Ethyl methacrylate	10.40	69	79510	21.970	ug/l	99
57) 1,3-Dichloropropane	10.68	76	100778	21.591	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	143755	103.393	ug/l	96
59) 2-Hexanone	10.72	43	240181	113.694	ug/l	99
60) Dibromochloromethane	10.87	129	58036	20.215	ug/l	100
61) 1,2-Dibromoethane	10.98	107	57283	20.558	ug/l	99
64) Tetrachloroethene	10.60	164	41335	17.476	ug/l	94
65) Chlorobenzene	11.41	112	147809	19.439	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	51123	19.443	ug/l	97
67) Ethyl Benzene	11.48	91	255646	19.907	ug/l	98
68) m/p-Xylenes	11.59	106	194663	39.190	ug/l	97
69) o-Xylene	11.92	106	92914	19.826	ug/l	98
70) Styrene	11.94	104	152972	19.572	ug/l	98
71) Bromoform	12.10	173	35406	18.939	ug/l #	99
73) Isopropylbenzene	12.22	105	244514	20.629	ug/l	100
74) N-amyl acetate	12.05	43	86888	21.925	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	84689	21.471	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	77243m	21.428	ug/l	
77) Bromobenzene	12.50	156	57700	19.608	ug/l	91
78) n-propylbenzene	12.56	91	287004	21.168	ug/l	98
79) 2-Chlorotoluene	12.65	91	172782	21.080	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	201619	20.983	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	25998	21.063	ug/l	95
82) 4-Chlorotoluene	12.75	91	172950	20.404	ug/l	99
83) tert-Butylbenzene	12.97	119	164502	20.005	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	198593	20.694	ug/l	98
85) sec-Butylbenzene	13.15	105	231047	21.263	ug/l	100
86) p-Isopropyltoluene	13.26	119	198458	20.847	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	102845	19.903	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	102161	19.179	ug/l	98
89) n-Butylbenzene	13.59	91	164749	20.816	ug/l	98
90) Hexachloroethane	13.85	117	39025	20.894	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	100325	20.021	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	14223	22.509	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	41680	19.040	ug/l	98
94) Hexachlorobutadiene	14.98	225	20534	21.597	ug/l	98
95) Naphthalene	15.10	128	115550	18.562	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	43324	19.356	ug/l	99

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

