

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081120\
 Data File : VN062824.D
 Acq On : 11 Aug 2020 12:39
 Operator : JC/MD
 Sample : VN0811WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBS01

Quant Time: Aug 11 14:59:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	166045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	264537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	246470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	116031	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	126117	45.93	ug/l	0.00
Spiked Amount			Recovery	=	91.86%	
35) Dibromofluoromethane	7.55	113	84353	46.61	ug/l	0.00
Spiked Amount			Recovery	=	93.22%	
50) Toluene-d8	10.06	98	325894	46.13	ug/l	0.00
Spiked Amount			Recovery	=	92.26%	
62) 4-Bromofluorobenzene	12.38	95	120144	45.00	ug/l	0.00
Spiked Amount			Recovery	=	90.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	49222	20.702	ug/l	100
3) Chloromethane	2.03	50	40945	18.248	ug/l	100
4) Vinyl Chloride	2.16	62	41970	19.943	ug/l	98
5) Bromomethane	2.51	94	29760	21.362	ug/l	98
6) Chloroethane	2.66	64	28117	20.309	ug/l	91
7) Trichlorofluoromethane	2.98	101	77041	20.530	ug/l	99
8) Diethyl Ether	3.37	74	20872	19.429	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	31714	20.435	ug/l	99
10) Methyl Iodide	3.91	142	35145	19.323	ug/l	98
11) Tert butyl alcohol	4.74	59	41282	91.730	ug/l	99
12) 1,1-Dichloroethene	3.69	96	28549	19.475	ug/l	100
13) Acrolein	3.57	56	12757	46.817	ug/l	98
14) Allyl chloride	4.27	41	51273	17.637	ug/l	99
15) Acrylonitrile	4.93	53	97839	93.732	ug/l	98
16) Acetone	3.78	43	104166	104.987	ug/l	98
17) Carbon Disulfide	4.01	76	76161	18.383	ug/l	98
18) Methyl Acetate	4.28	43	45613	18.731	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	125238	19.468	ug/l	98
20) Methylene Chloride	4.50	84	38447	20.729	ug/l	92
21) trans-1,2-Dichloroethene	4.99	96	30263	18.213	ug/l	99
22) Diisopropyl ether	5.90	45	119451	19.302	ug/l	96
23) Vinyl Acetate	5.84	43	412680	87.671	ug/l	98
24) 1,1-Dichloroethane	5.80	63	67960	18.739	ug/l	99
25) 2-Butanone	6.79	43	136094	96.848	ug/l	99
26) 2,2-Dichloropropane	6.77	77	66382	19.857	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	38979	19.555	ug/l	95
28) Bromochloromethane	7.15	49	34299	19.596	ug/l	94
29) Tetrahydrofuran	7.17	42	83354	91.303	ug/l	97
30) Chloroform	7.33	83	73376	19.038	ug/l	100
31) Cyclohexane	7.61	56	62980	18.918	ug/l	# 87
32) 1,1,1-Trichloroethane	7.53	97	67546	19.602	ug/l	98
36) 1,1-Dichloropropene	7.75	75	48590	18.864	ug/l	96
37) Ethyl Acetate	6.88	43	47352	17.598	ug/l	99
38) Carbon Tetrachloride	7.73	117	58680	19.262	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	58821	18.975	ug/l	100
40) Benzene	8.00	78	146371	19.043	ug/l	98
41) Methacrylonitrile	7.13	41	25946m	21.369	ug/l	
42) 1,2-Dichloroethane	8.09	62	62481	19.099	ug/l	99
43) Isopropyl Acetate	8.13	43	79724	17.764	ug/l	97
44) Trichloroethene	8.80	130	36852	19.679	ug/l	94
45) 1,2-Dichloropropane	9.08	63	39981	19.219	ug/l	93
46) Dibromomethane	9.18	93	27351	20.066	ug/l	99
47) Bromodichloromethane	9.37	83	60971	19.916	ug/l	99
48) Methyl methacrylate	9.17	41	38309	17.354	ug/l	96
49) 1,4-Dioxane	9.17	88	15858	387.693	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	267849	92.241	ug/l	99
52) Toluene	10.12	92	93146	19.627	ug/l	100
53) t-1,3-Dichloropropene	10.36	75	65564	19.470	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	66604	19.700	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	38887	19.186	ug/l	98
56) Ethyl methacrylate	10.40	69	58252	19.094	ug/l	99
57) 1,3-Dichloropropane	10.68	76	65597	19.047	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	77888	90.320	ug/l	99
59) 2-Hexanone	10.72	43	201132	92.856	ug/l	99
60) Dibromochloromethane	10.88	129	44596	19.281	ug/l	98
61) 1,2-Dibromoethane	10.98	107	39162	19.581	ug/l	99
64) Tetrachloroethene	10.60	164	30912	19.438	ug/l	98
65) Chlorobenzene	11.41	112	100266	19.461	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	41736	20.172	ug/l	97
67) Ethyl Benzene	11.48	91	179475	19.466	ug/l	100
68) m/p-Xylenes	11.60	106	134857	40.295	ug/l	96
69) o-Xylene	11.92	106	62946	20.070	ug/l	99
70) Styrene	11.94	104	111502	20.225	ug/l	99
71) Bromoform	12.10	173	32430	19.157	ug/l #	96
73) Isopropylbenzene	12.22	105	179944	20.595	ug/l	100
74) N-amyl acetate	12.05	43	66252	18.712	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	59195	19.246	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	63806m	20.390	ug/l	
77) Bromobenzene	12.50	156	42792	19.712	ug/l	96
78) n-propylbenzene	12.57	91	205754	20.062	ug/l	99
79) 2-Chlorotoluene	12.65	91	128437	19.970	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	156985	20.711	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	20216	19.722	ug/l	97
82) 4-Chlorotoluene	12.75	91	130323	19.663	ug/l	99
83) tert-Butylbenzene	12.97	119	132413	20.645	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	149992	20.684	ug/l	98
85) sec-Butylbenzene	13.15	105	170425	20.234	ug/l	100
86) p-Isopropyltoluene	13.26	119	152918	20.454	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	76407	19.702	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	76572	19.685	ug/l	98
89) n-Butylbenzene	13.59	91	116295	18.392	ug/l	99
90) Hexachloroethane	13.85	117	29815	18.501	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	72768	20.014	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	12906	19.546	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	31952	18.598	ug/l	95
94) Hexachlorobutadiene	14.99	225	23570	19.657	ug/l	98
95) Naphthalene	15.11	128	80002	17.594	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	32748	18.823	ug/l	96

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

