

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063264.D
 Acq On : 5 Sep 2020 3:12
 Operator : JC/MD
 Sample : VN0904WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 1:32:39 PM

Quant Time: Sep 07 02:22:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	242185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	510249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	480553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	203521	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	232930	58.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.68%	
35) Dibromofluoromethane	7.55	113	169742	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
50) Toluene-d8	10.06	98	604776	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
62) 4-Bromofluorobenzene	12.38	95	202631	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	32260	13.526	ug/l	95
3) Chloromethane	2.04	50	67075	19.313	ug/l	100
4) Vinyl Chloride	2.17	62	64255	16.749	ug/l	99
5) Bromomethane	2.54	94	73236	22.678	ug/l	100
6) Chloroethane	2.68	64	64936	21.288	ug/l	95
7) Trichlorofluoromethane	2.98	101	89806	14.204	ug/l	99
8) Diethyl Ether	3.37	74	40434	22.028	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	40360	15.477	ug/l	98
10) Methyl Iodide	3.92	142	68717	19.321	ug/l	95
11) Tert butyl alcohol	4.73	59	56152m	115.547	ug/l	
12) 1,1-Dichloroethene	3.70	96	45500	17.124	ug/l	99
13) Acrolein	3.57	56	12070	76.892	ug/l	91
14) Allyl chloride	4.28	41	87572	18.557	ug/l	99
15) Acrylonitrile	4.93	53	157020	116.644	ug/l	99
16) Acetone	3.78	43	140581	124.913	ug/l	97
17) Carbon Disulfide	4.01	76	124458	15.737	ug/l	98
18) Methyl Acetate	4.28	43	75484	26.158	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	218910	22.208	ug/l	100
20) Methylene Chloride	4.51	84	71597	22.353	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	58678	19.988	ug/l	88
22) Diisopropyl ether	5.90	45	231671	21.907	ug/l	98
23) Vinyl Acetate	5.84	43	933619	110.644	ug/l	100
24) 1,1-Dichloroethane	5.80	63	120679	20.700	ug/l	99
25) 2-Butanone	6.78	43	214179	122.906	ug/l	99
26) 2,2-Dichloropropane	6.78	77	64657	12.241	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	75182	21.070	ug/l	93
28) Bromochloromethane	7.15	49	67117	22.036	ug/l	98
29) Tetrahydrofuran	7.17	42	141831	117.707	ug/l	98
30) Chloroform	7.33	83	132330	21.696	ug/l	99
31) Cyclohexane	7.61	56	77313	13.779	ug/l #	94
32) 1,1,1-Trichloroethane	7.53	97	96677	18.394	ug/l	99
36) 1,1-Dichloropropene	7.76	75	76263	15.547	ug/l	98
37) Ethyl Acetate	6.88	43	95611	20.865	ug/l #	96
38) Carbon Tetrachloride	7.73	117	75044	15.085	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	64189	11.648	ug/l	99
40) Benzene	8.00	78	274092	19.015	ug/l	99
41) Methacrylonitrile	7.14	41	47111m	22.798	ug/l	
42) 1,2-Dichloroethane	8.08	62	113106	21.006	ug/l	100
43) Isopropyl Acetate	8.13	43	163322	20.416	ug/l	99
44) Trichloroethene	8.80	130	68020	19.454	ug/l	100
45) 1,2-Dichloropropane	9.09	63	73627	19.292	ug/l	97
46) Dibromomethane	9.18	93	54506	21.551	ug/l	99
47) Bromodichloromethane	9.37	83	105614	19.481	ug/l	99
48) Methyl methacrylate	9.17	41	75602	20.964	ug/l	96
49) 1,4-Dioxane	9.17	88	24377	437.028	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	490935	112.933	ug/l	99
52) Toluene	10.13	92	169153	18.838	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	105102	17.724	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	112190	18.023	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	74132	21.557	ug/l	96
56) Ethyl methacrylate	10.40	69	104825	20.030	ug/l	99
57) 1,3-Dichloropropane	10.68	76	126493	20.648	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	264312	97.529	ug/l	97
59) 2-Hexanone	10.72	43	347375	113.703	ug/l	100
60) Dibromochloromethane	10.87	129	74147	19.502	ug/l	99
61) 1,2-Dibromoethane	10.98	107	75279	21.058	ug/l	97
64) Tetrachloroethene	10.60	164	61197	17.734	ug/l	96
65) Chlorobenzene	11.41	112	180782	18.678	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	68137	18.961	ug/l	98
67) Ethyl Benzene	11.49	91	303003	17.160	ug/l	98
68) m/p-Xylenes	11.59	106	222198	33.977	ug/l	98
69) o-Xylene	11.92	106	110773	17.534	ug/l	96
70) Styrene	11.94	104	195353	17.993	ug/l	98
71) Bromoform	12.10	173	47233	19.368	ug/l #	94
73) Isopropylbenzene	12.23	105	271154	17.371	ug/l	100
74) N-amyl acetate	12.05	43	130634	20.204	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	98944	21.986	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	85597m	21.406	ug/l	
77) Bromobenzene	12.50	156	71607	20.283	ug/l	96
78) n-propylbenzene	12.57	91	299513	16.581	ug/l	100
79) 2-Chlorotoluene	12.65	91	191980	17.745	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	225426	17.350	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	26093	15.771	ug/l	91
82) 4-Chlorotoluene	12.75	91	203849	18.168	ug/l	98
83) tert-Butylbenzene	12.97	119	174807	15.687	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	228986	17.484	ug/l	100
85) sec-Butylbenzene	13.15	105	222797	15.341	ug/l	100
86) p-Isopropyltoluene	13.27	119	199811	15.497	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	122963	18.960	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	124540	18.546	ug/l	98
89) n-Butylbenzene	13.59	91	162774	13.665	ug/l	99
90) Hexachloroethane	13.85	117	33607	14.080	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	130604	20.752	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18987	19.190	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	59003	16.781	ug/l	97
94) Hexachlorobutadiene	14.98	225	18988	14.456	ug/l	96
95) Naphthalene	15.11	128	229295	19.546	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	60836	17.759	ug/l	99

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

