

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082420\
 Data File : VN063093.D
 Acq On : 24 Aug 2020 14:15
 Operator : JC/MD
 Sample : VN0824WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/25/2020 12:14:26 PM

Quant Time: Aug 25 01:06:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	169957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	261893	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	252750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	123383	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	111159	55.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.36%	
35) Dibromofluoromethane	7.55	113	90513	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
50) Toluene-d8	10.06	98	346866	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
62) 4-Bromofluorobenzene	12.38	95	123617	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	45096	20.473	ug/l	96
3) Chloromethane	2.03	50	50350	21.606	ug/l	99
4) Vinyl Chloride	2.16	62	48991	21.739	ug/l	96
5) Bromomethane	2.48	94	20250	15.138	ug/l	98
6) Chloroethane	2.59	64	29783	22.383	ug/l	99
7) Trichlorofluoromethane	2.93	101	59186	21.059	ug/l	98
8) Diethyl Ether	3.37	74	20202	20.319	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.69	101	29335	19.371	ug/l	98
10) Methyl Iodide	3.89	142	36186	18.851	ug/l	99
11) Tert butyl alcohol	4.78	59	17948	62.905	ug/l	98
12) 1,1-Dichloroethene	3.67	96	27456	19.032	ug/l	98
13) Acrolein	3.57	56	2125	23.774	ug/l #	73
14) Allyl chloride	4.26	41	49275	19.372	ug/l	97
15) Acrylonitrile	4.93	53	88223	105.202	ug/l	99
16) Acetone	3.78	43	64011	99.545	ug/l	96
17) Carbon Disulfide	3.99	76	69498	18.395	ug/l	97
18) Methyl Acetate	4.28	43	43196	21.579	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	109392	21.743	ug/l	100
20) Methylene Chloride	4.49	84	37648	20.409	ug/l	97
21) trans-1,2-Dichloroethene	4.97	96	29752	19.706	ug/l	98
22) Diisopropyl ether	5.90	45	126082	21.843	ug/l	95
23) Vinyl Acetate	5.84	43	394173	101.195	ug/l	100
24) 1,1-Dichloroethane	5.79	63	65970	20.452	ug/l	99
25) 2-Butanone	6.80	43	106527	99.614	ug/l	96
26) 2,2-Dichloropropane	6.77	77	51561	20.326	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	37435	19.782	ug/l	98
28) Bromochloromethane	7.15	49	35410	20.981	ug/l	98
29) Tetrahydrofuran	7.17	42	71468	103.548	ug/l	99
30) Chloroform	7.33	83	66572	20.493	ug/l	97
31) Cyclohexane	7.61	56	57970	19.526	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	54428	20.522	ug/l	98
36) 1,1-Dichloropropene	7.75	75	43691	18.931	ug/l	99
37) Ethyl Acetate	6.88	43	42844	19.812	ug/l	98
38) Carbon Tetrachloride	7.73	117	45336	19.457	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	48392	16.608	ug/l	97
40) Benzene	8.00	78	143992	19.671	ug/l	98
41) Methacrylonitrile	7.12	41	20225	19.629	ug/l #	93
42) 1,2-Dichloroethane	8.09	62	50899	20.709	ug/l	98
43) Isopropyl Acetate	8.13	43	71697	20.012	ug/l #	91
44) Trichloroethene	8.80	130	34610	19.008	ug/l	98
45) 1,2-Dichloropropane	9.09	63	42380	20.029	ug/l	99
46) Dibromomethane	9.18	93	24938	20.402	ug/l	98
47) Bromodichloromethane	9.37	83	53281	19.902	ug/l	100
48) Methyl methacrylate	9.17	41	34532	20.371	ug/l	97
49) 1,4-Dioxane	9.18	88	6287	181.256	ug/l #	88
51) 4-Methyl-2-Pentanone	9.96	43	244322	107.888	ug/l	98
52) Toluene	10.12	92	90122	20.410	ug/l	98
53) t-1,3-Dichloropropene	10.36	75	56874	20.543	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	61840	20.362	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	39779	21.068	ug/l	98
56) Ethyl methacrylate	10.40	69	52869	19.239	ug/l	96
57) 1,3-Dichloropropane	10.68	76	64439	20.553	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	65531	100.123	ug/l	99
59) 2-Hexanone	10.73	43	168481	106.660	ug/l	97
60) Dibromochloromethane	10.87	129	41831	20.020	ug/l	99
61) 1,2-Dibromoethane	10.98	107	38294	21.108	ug/l	99
64) Tetrachloroethene	10.60	164	30966	18.638	ug/l	98
65) Chlorobenzene	11.41	112	99942	19.689	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	38570	19.535	ug/l	99
67) Ethyl Benzene	11.49	91	167404	19.517	ug/l	100
68) m/p-Xylenes	11.60	106	127877	40.114	ug/l	99
69) o-Xylene	11.92	106	61535	20.101	ug/l	100
70) Styrene	11.94	104	108211	19.051	ug/l	99
71) Bromoform	12.10	173	32035	20.384	ug/l #	100
73) Isopropylbenzene	12.23	105	164737	19.497	ug/l	99
74) N-amyl acetate	12.05	43	66423	21.950	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	60286	21.139	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	51134m	21.321	ug/l	
77) Bromobenzene	12.50	156	46203	19.883	ug/l	98
78) n-propylbenzene	12.57	91	188780	19.602	ug/l	99
79) 2-Chlorotoluene	12.65	91	116754	19.274	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	137863	19.738	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	18221	20.866	ug/l	97
82) 4-Chlorotoluene	12.75	91	120199	19.487	ug/l	97
83) tert-Butylbenzene	12.97	119	115607	19.177	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	130380	19.161	ug/l	100
85) sec-Butylbenzene	13.15	105	151619	18.610	ug/l	99
86) p-Isopropyltoluene	13.26	119	129527	18.246	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	81136	20.316	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	81564	20.122	ug/l	99
89) n-Butylbenzene	13.59	91	100534	16.884	ug/l	99
90) Hexachloroethane	13.85	117	27247	18.058	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	79700	20.660	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	9691	22.774	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	34605	19.257	ug/l	98
94) Hexachlorobutadiene	14.98	225	22809	16.001	ug/l	98
95) Naphthalene	15.11	128	76214	19.377	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	31955	18.001	ug/l	97

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

