

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080620\
 Data File : VN062765.D
 Acq On : 6 Aug 2020 14:41
 Operator : JC/MD
 Sample : VN0806WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 12:50:44 PM

Quant Time: Aug 07 03:42:18 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	160943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	257176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	244232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	110978	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	127265	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
35) Dibromofluoromethane	7.55	113	86221	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	10.06	98	328162	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
62) 4-Bromofluorobenzene	12.38	95	124317	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	47822	20.750	ug/l	99
3) Chloromethane	2.03	50	48281	22.200	ug/l	96
4) Vinyl Chloride	2.16	62	46209	22.654	ug/l	100
5) Bromomethane	2.52	94	26314	19.487	ug/l	97
6) Chloroethane	2.66	64	26580	19.807	ug/l	96
7) Trichlorofluoromethane	2.98	101	68635	18.870	ug/l	96
8) Diethyl Ether	3.37	74	20370	19.563	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	29970	19.901	ug/l	97
10) Methyl Iodide	3.90	142	32623	18.505	ug/l	96
11) Tert butyl alcohol	4.74	59	41796	95.816	ug/l	100
12) 1,1-Dichloroethene	3.69	96	26940	18.929	ug/l	98
13) Acrolein	3.56	56	19642	74.370	ug/l	97
14) Allyl chloride	4.27	41	52815	18.744	ug/l	96
15) Acrylonitrile	4.93	53	101216	100.041	ug/l	99
16) Acetone	3.78	43	91151	94.781	ug/l	99
17) Carbon Disulfide	4.00	76	73036	18.178	ug/l	98
18) Methyl Acetate	4.28	43	50013	21.340	ug/l	95
19) Methyl tert-butyl Ether	4.99	73	120123	19.264	ug/l	99
20) Methylene Chloride	4.50	84	36071	20.040	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	28732	17.840	ug/l	97
22) Diisopropyl ether	5.90	45	121368	20.233	ug/l	92
23) Vinyl Acetate	5.84	43	428800	93.983	ug/l	100
24) 1,1-Dichloroethane	5.80	63	63766	18.140	ug/l	98
25) 2-Butanone	6.79	43	135825	99.720	ug/l	99
26) 2,2-Dichloropropane	6.77	77	54604	16.852	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	35207	18.223	ug/l	97
28) Bromochloromethane	7.15	49	34218	20.169	ug/l	100
29) Tetrahydrofuran	7.17	42	90095	101.815	ug/l	98
30) Chloroform	7.33	83	69238	18.534	ug/l	98
31) Cyclohexane	7.62	56	61161	18.954	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	57875	17.328	ug/l	97
36) 1,1-Dichloropropene	7.75	75	45542	18.187	ug/l	98
37) Ethyl Acetate	6.88	43	52489	20.066	ug/l	96
38) Carbon Tetrachloride	7.73	117	50334	16.995	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	58236	19.324	ug/l	94
40) Benzene	8.00	78	136412	18.255	ug/l	98
41) Methacrylonitrile	7.12	41	23348	19.780	ug/l #	67
42) 1,2-Dichloroethane	8.08	62	58186	18.295	ug/l	99
43) Isopropyl Acetate	8.13	43	85075	19.499	ug/l	99
44) Trichloroethene	8.80	130	32803	18.018	ug/l	99
45) 1,2-Dichloropropane	9.08	63	38650	19.111	ug/l	100
46) Dibromomethane	9.17	93	25817	19.483	ug/l	98
47) Bromodichloromethane	9.37	83	56323	18.925	ug/l	98
48) Methyl methacrylate	9.17	41	40469	18.857	ug/l	97
49) 1,4-Dioxane	9.17	88	16351	411.187	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	285736	101.217	ug/l	99
52) Toluene	10.12	92	83685	18.138	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	58886	17.988	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	61193	18.618	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	37067	18.811	ug/l	93
56) Ethyl methacrylate	10.40	69	57965	19.544	ug/l	99
57) 1,3-Dichloropropane	10.68	76	63613	19.000	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	80531	96.058	ug/l	100
59) 2-Hexanone	10.72	43	207577	98.574	ug/l	99
60) Dibromochloromethane	10.87	129	40484	18.004	ug/l	100
61) 1,2-Dibromoethane	10.98	107	37009	19.034	ug/l	100
64) Tetrachloroethene	10.60	164	28966	18.382	ug/l	94
65) Chlorobenzene	11.41	112	93355	18.286	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	37878	18.475	ug/l	98
67) Ethyl Benzene	11.49	91	167689	18.355	ug/l	100
68) m/p-Xylenes	11.60	106	122984	37.084	ug/l	98
69) o-Xylene	11.92	106	57006	18.342	ug/l	97
70) Styrene	11.94	104	102367	18.739	ug/l	98
71) Bromoform	12.10	173	29301	17.468	ug/l #	96
73) Isopropylbenzene	12.23	105	162933	19.497	ug/l	99
74) N-amyl acetate	12.05	43	69869	20.632	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	58698	19.953	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	57002m	19.045	ug/l	
77) Bromobenzene	12.50	156	38735	18.655	ug/l	96
78) n-propylbenzene	12.57	91	195482	19.928	ug/l	100
79) 2-Chlorotoluene	12.65	91	118033	19.188	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	144326	19.908	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	18130	18.492	ug/l	94
82) 4-Chlorotoluene	12.75	91	122631	19.345	ug/l	100
83) tert-Butylbenzene	12.97	119	120954	19.717	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	143035	20.623	ug/l	100
85) sec-Butylbenzene	13.15	105	161717	20.075	ug/l	100
86) p-Isopropyltoluene	13.26	119	144035	20.143	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	70750	19.074	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	70347	18.908	ug/l	100
89) n-Butylbenzene	13.59	91	116886	19.327	ug/l	99
90) Hexachloroethane	13.85	117	28760	18.659	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	68915	19.817	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12339	19.538	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	31103	18.869	ug/l	98
94) Hexachlorobutadiene	14.98	225	21312	18.496	ug/l	95
95) Naphthalene	15.11	128	81259	18.455	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	32001	19.172	ug/l	97

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

