

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062373.D
 Acq On : 6 Jul 2020 19:31
 Operator : JC/MD
 Sample : VN0706WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 10:08:03 AM

Quant Time: Jul 07 05:40:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 05:08:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	1134187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1894613	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1755552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	791674	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	1029316	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
35) Dibromofluoromethane	7.55	113	678093	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
50) Toluene-d8	10.06	98	2515983	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.38	95	914631	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	245289	19.111	ug/l	97
3) Chloromethane	2.04	50	358513	18.802	ug/l	98
4) Vinyl Chloride	2.16	62	302764	18.595	ug/l	100
5) Bromomethane	2.53	94	178497	21.140	ug/l	94
6) Chloroethane	2.67	64	182454	19.275	ug/l	97
7) Trichlorofluoromethane	2.98	101	429148	19.096	ug/l	96
8) Diethyl Ether	3.38	74	170595	19.648	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	232092	18.483	ug/l	98
10) Methyl Iodide	3.91	142	284428	18.865	ug/l	96
11) Tert butyl alcohol	4.73	59	296308	104.322	ug/l	97
12) 1,1-Dichloroethene	3.70	96	231780	19.884	ug/l	98
13) Acrolein	3.57	56	102794	85.471	ug/l	98
14) Allyl chloride	4.27	41	567380	19.973	ug/l	96
15) Acrylonitrile	4.93	53	748373	100.320	ug/l	100
16) Acetone	3.78	43	750533	79.350	ug/l	99
17) Carbon Disulfide	4.01	76	685031	18.560	ug/l	98
18) Methyl Acetate	4.28	43	376196	19.625	ug/l	95
19) Methyl tert-butyl Ether	4.99	73	875671	19.629	ug/l	97
20) Methylene Chloride	4.50	84	281547	19.439	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	240117	18.652	ug/l	98
22) Diisopropyl ether	5.91	45	1128814	19.867	ug/l	98
23) Vinyl Acetate	5.84	43	4883955	96.932	ug/l	98
24) 1,1-Dichloroethane	5.80	63	557090	19.785	ug/l	98
25) 2-Butanone	6.79	43	1135485	95.328	ug/l	99
26) 2,2-Dichloropropane	6.78	77	435123	18.761	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	288025	19.532	ug/l	99
28) Bromochloromethane	7.15	49	329070	20.914	ug/l	99
29) Tetrahydrofuran	7.17	42	764529	100.985	ug/l	100
30) Chloroform	7.33	83	524104	19.127	ug/l	98
31) Cyclohexane	7.62	56	499846	19.213	ug/l #	92
32) 1,1,1-Trichloroethane	7.53	97	448873	19.495	ug/l	99
36) 1,1-Dichloropropene	7.75	75	379728	19.074	ug/l	99
37) Ethyl Acetate	6.88	43	482118	20.413	ug/l	98
38) Carbon Tetrachloride	7.73	117	394791	19.720	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	400493	18.707	ug/l	95
40) Benzene	8.00	78	1145414	20.253	ug/l	99
41) Methacrylonitrile	7.13	41	227683	19.098	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	492832	19.778	ug/l	99
43) Isopropyl Acetate	8.13	43	792524	20.077	ug/l	98
44) Trichloroethene	8.80	130	261478	19.339	ug/l	99
45) 1,2-Dichloropropane	9.09	63	328623	19.823	ug/l	100
46) Dibromomethane	9.18	93	201197	19.609	ug/l	98
47) Bromodichloromethane	9.37	83	424006	19.388	ug/l	99
48) Methyl methacrylate	9.17	41	396817	19.695	ug/l	98
49) 1,4-Dioxane	9.17	88	107673	393.510	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	2429849	97.661	ug/l	96
52) Toluene	10.13	92	674255	19.937	ug/l	97
53) t-1,3-Dichloropropene	10.36	75	453131	19.256	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	494177	19.681	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	261798	19.318	ug/l	97
56) Ethyl methacrylate	10.40	69	428589	19.635	ug/l	98
57) 1,3-Dichloropropane	10.68	76	501521	19.927	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	767060	97.703	ug/l	99
59) 2-Hexanone	10.72	43	1755547	109.727	ug/l	96
60) Dibromochloromethane	10.87	129	303006	19.633	ug/l	99
61) 1,2-Dibromoethane	10.98	107	274199	19.708	ug/l	98
64) Tetrachloroethene	10.60	164	215373	19.067	ug/l	99
65) Chlorobenzene	11.41	112	708217	19.670	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	274454	20.272	ug/l	98
67) Ethyl Benzene	11.48	91	1320280	20.766	ug/l	99
68) m/p-Xylenes	11.60	106	936187	40.061	ug/l	94
69) o-Xylene	11.92	106	455784	19.829	ug/l	100
70) Styrene	11.94	104	761133	20.039	ug/l	99
71) Bromoform	12.10	173	198830	18.704	ug/l	99
73) Isopropylbenzene	12.22	105	1255558	19.844	ug/l	100
74) N-amyl acetate	12.05	43	653432	20.764	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	406777	19.860	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	374860m	19.604	ug/l	
77) Bromobenzene	12.50	156	286057	20.668	ug/l	97
78) n-propylbenzene	12.57	91	1455772	19.503	ug/l	100
79) 2-Chlorotoluene	12.65	91	879747	20.691	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1035872	21.032	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	129498	19.366	ug/l	99
82) 4-Chlorotoluene	12.75	91	893946	20.556	ug/l	100
83) tert-Butylbenzene	12.97	119	872046	20.893	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	1018572	20.921	ug/l	99
85) sec-Butylbenzene	13.15	105	1160927	21.714	ug/l	99
86) p-Isopropyltoluene	13.26	119	1021645	21.202	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	500583	20.095	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	500703	19.450	ug/l	98
89) n-Butylbenzene	13.59	91	835264	20.074	ug/l	100
90) Hexachloroethane	13.85	117	200459	19.455	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	491204	20.590	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	78861	19.646	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	222828	19.341	ug/l	99
94) Hexachlorobutadiene	14.99	225	135528	20.792	ug/l	100
95) Naphthalene	15.10	128	618176	19.635	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	227955	19.853	ug/l	98

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

