

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070920\
 Data File : VN062449.D
 Acq On : 9 Jul 2020 11:51
 Operator : JC/MD
 Sample : VN0709WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 9:23:41 AM

Quant Time: Jul 09 12:57:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	238409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	410877	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	374967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	162312	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	184908	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
35) Dibromofluoromethane	7.55	113	130929	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	10.06	98	521709	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
62) 4-Bromofluorobenzene	12.37	95	189737	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	46192	19.021	ug/l	96
3) Chloromethane	2.04	50	70143	18.001	ug/l	99
4) Vinyl Chloride	2.16	62	63486	19.887	ug/l	99
5) Bromomethane	2.53	94	27712	16.163	ug/l	95
6) Chloroethane	2.67	64	37931	20.400	ug/l	95
7) Trichlorofluoromethane	2.98	101	80707	19.906	ug/l	98
8) Diethyl Ether	3.37	74	36449	20.105	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	49862	20.746	ug/l	99
10) Methyl Iodide	3.91	142	37261	11.741	ug/l	100
11) Tert butyl alcohol	4.73	59	55140	90.646	ug/l	99
12) 1,1-Dichloroethene	3.70	96	48381	19.771	ug/l	95
13) Acrolein	3.57	56	36259	82.630	ug/l	99
14) Allyl chloride	4.27	41	105860	18.394	ug/l	95
15) Acrylonitrile	4.93	53	156949	98.378	ug/l	99
16) Acetone	3.78	43	141291	90.754	ug/l	98
17) Carbon Disulfide	4.01	76	142491	18.583	ug/l	99
18) Methyl Acetate	4.28	43	72005	18.533	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	188138	20.279	ug/l	98
20) Methylene Chloride	4.50	84	59469	17.865	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	51576	19.455	ug/l	97
22) Diisopropyl ether	5.90	45	220935	19.431	ug/l	98
23) Vinyl Acetate	5.84	43	919196	97.590	ug/l	99
24) 1,1-Dichloroethane	5.80	63	113701	19.352	ug/l	99
25) 2-Butanone	6.79	43	218243	95.986	ug/l	96
26) 2,2-Dichloropropane	6.78	77	90939	20.186	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	60930	19.843	ug/l	98
28) Bromochloromethane	7.15	49	59982	18.791	ug/l	96
29) Tetrahydrofuran	7.17	42	146965	96.007	ug/l	98
30) Chloroform	7.33	83	106505	20.076	ug/l	97
31) Cyclohexane	7.61	56	104240	18.715	ug/l #	91
32) 1,1,1-Trichloroethane	7.53	97	88206	19.989	ug/l	99
36) 1,1-Dichloropropene	7.75	75	82123	19.839	ug/l	99
37) Ethyl Acetate	6.88	43	88995	18.386	ug/l	97
38) Carbon Tetrachloride	7.73	117	75197	20.206	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	89591	20.272	ug/l	98
40) Benzene	8.00	78	238415	19.542	ug/l	99
41) Methacrylonitrile	7.13	41	40495	20.024	ug/l	97
42) 1,2-Dichloroethane	8.09	62	89958	20.137	ug/l	100
43) Isopropyl Acetate	8.13	43	151890	19.864	ug/l #	92
44) Trichloroethene	8.80	130	53864	19.899	ug/l	95
45) 1,2-Dichloropropane	9.09	63	69093	19.509	ug/l	97
46) Dibromomethane	9.18	93	40409	20.218	ug/l	99
47) Bromodichloromethane	9.37	83	85225	19.945	ug/l	97
48) Methyl methacrylate	9.17	41	71187	18.979	ug/l	96
49) 1,4-Dioxane	9.17	88	21137	387.167	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	456034	99.852	ug/l	99
52) Toluene	10.12	92	142957	20.286	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	95883	20.029	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	103548	19.604	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	56600	20.422	ug/l	97
56) Ethyl methacrylate	10.40	69	93601	19.434	ug/l	97
57) 1,3-Dichloropropane	10.68	76	104798	20.466	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	156547	95.207	ug/l	98
59) 2-Hexanone	10.72	43	328285	99.013	ug/l	99
60) Dibromochloromethane	10.87	129	59040	19.646	ug/l	98
61) 1,2-Dibromoethane	10.98	107	57058	20.394	ug/l	99
64) Tetrachloroethene	10.60	164	45773	20.572	ug/l	98
65) Chlorobenzene	11.41	112	146997	20.171	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	53446	19.887	ug/l	97
67) Ethyl Benzene	11.48	91	276623	20.222	ug/l	99
68) m/p-Xylenes	11.59	106	195441	40.359	ug/l	99
69) o-Xylene	11.92	106	95871	20.333	ug/l	99
70) Styrene	11.94	104	160984	20.659	ug/l	99
71) Bromoform	12.10	173	39965	20.286	ug/l #	97
73) Isopropylbenzene	12.22	105	259758	20.681	ug/l	99
74) N-amyl acetate	12.04	43	127380	20.837	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	86489	20.480	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	76221m	19.139	ug/l	
77) Bromobenzene	12.50	156	58352	20.436	ug/l	98
78) n-propylbenzene	12.56	91	304919	20.783	ug/l	100
79) 2-Chlorotoluene	12.65	91	184394	20.708	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	217580	21.132	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	27116	18.224	ug/l	96
82) 4-Chlorotoluene	12.75	91	185100	20.476	ug/l	98
83) tert-Butylbenzene	12.97	119	181831	20.810	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	211333	20.649	ug/l	98
85) sec-Butylbenzene	13.15	105	243130	20.998	ug/l	99
86) p-Isopropyltoluene	13.26	119	214293	21.444	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	100552	20.413	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	100694	19.866	ug/l	98
89) n-Butylbenzene	13.59	91	180619	20.469	ug/l	99
90) Hexachloroethane	13.85	117	38749	19.711	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	97709	20.515	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	15778	20.473	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	45317	21.250	ug/l	98
94) Hexachlorobutadiene	14.98	225	26378	20.859	ug/l	98
95) Naphthalene	15.10	128	136028	23.481	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	48801	21.024	ug/l	97

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

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