

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070920\
 Data File : VN062459.D
 Acq On : 9 Jul 2020 16:58
 Operator : JC/MD
 Sample : VN0709WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS02

Manual Integrations
 APPROVED

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

Quant Time: Jul 10 01:31:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	226717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	391853	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	354609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	155527	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	175353	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
35) Dibromofluoromethane	7.55	113	122811	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
50) Toluene-d8	10.06	98	481585	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
62) 4-Bromofluorobenzene	12.38	95	174223	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	43414	18.799	ug/l	96
3) Chloromethane	2.03	50	63969	17.263	ug/l	99
4) Vinyl Chloride	2.16	62	57273	18.866	ug/l	100
5) Bromomethane	2.53	94	26139	16.032	ug/l	100
6) Chloroethane	2.67	64	34059	19.263	ug/l	96
7) Trichlorofluoromethane	2.98	101	75744	19.645	ug/l	99
8) Diethyl Ether	3.37	74	33859	19.639	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	43947	19.228	ug/l	98
10) Methyl Iodide	3.91	142	37556	12.444	ug/l	97
11) Tert butyl alcohol	4.73	59	58972	101.945	ug/l	99
12) 1,1-Dichloroethene	3.69	96	44188	18.989	ug/l	99
13) Acrolein	3.57	56	32124	76.982	ug/l	99
14) Allyl chloride	4.27	41	100290	18.325	ug/l	98
15) Acrylonitrile	4.93	53	144878	95.495	ug/l	100
16) Acetone	3.77	43	137189	92.663	ug/l	98
17) Carbon Disulfide	4.01	76	128624	17.640	ug/l	100
18) Methyl Acetate	4.28	43	68162	18.449	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	172622	19.566	ug/l	99
20) Methylene Chloride	4.50	84	55892	17.657	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	47816	18.967	ug/l	96
22) Diisopropyl ether	5.90	45	202921	18.767	ug/l	98
23) Vinyl Acetate	5.84	43	849413	94.832	ug/l	100
24) 1,1-Dichloroethane	5.80	63	106896	19.132	ug/l	99
25) 2-Butanone	6.79	43	206415	95.466	ug/l	98
26) 2,2-Dichloropropane	6.78	77	83265	19.436	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	57736	19.773	ug/l	98
28) Bromochloromethane	7.15	49	57571	18.966	ug/l	96
29) Tetrahydrofuran	7.17	42	138629	95.232	ug/l	99
30) Chloroform	7.33	83	96978	19.223	ug/l	99
31) Cyclohexane	7.61	56	94494	17.840	ug/l #	94
32) 1,1,1-Trichloroethane	7.53	97	81470	19.415	ug/l	99
36) 1,1-Dichloropropene	7.75	75	73396	18.591	ug/l	99
37) Ethyl Acetate	6.88	43	86101	18.652	ug/l	100
38) Carbon Tetrachloride	7.73	117	68637	19.338	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	80630	19.130	ug/l	95
40) Benzene	8.00	78	218778	18.803	ug/l	99
41) Methacrylonitrile	7.14	41	45333m	23.504	ug/l	
42) 1,2-Dichloroethane	8.09	62	82054	19.260	ug/l	99
43) Isopropyl Acetate	8.13	43	140464	19.262	ug/l	93
44) Trichloroethene	8.80	130	49318	19.104	ug/l	100
45) 1,2-Dichloropropane	9.09	63	63900	18.918	ug/l	98
46) Dibromomethane	9.18	93	37131	19.480	ug/l	99
47) Bromodichloromethane	9.37	83	78917	19.365	ug/l	99
48) Methyl methacrylate	9.17	41	65038	18.181	ug/l	97
49) 1,4-Dioxane	9.17	88	21780	418.313	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	424707	97.507	ug/l	100
52) Toluene	10.12	92	130156	19.367	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	89423	19.586	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	95149	18.888	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	52899	20.013	ug/l	98
56) Ethyl methacrylate	10.40	69	86377	18.860	ug/l	98
57) 1,3-Dichloropropane	10.68	76	96742	19.810	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	150011	95.661	ug/l	98
59) 2-Hexanone	10.72	43	305753	96.694	ug/l	98
60) Dibromochloromethane	10.87	129	55026	19.199	ug/l	99
61) 1,2-Dibromoethane	10.98	107	53227	19.948	ug/l	99
64) Tetrachloroethene	10.60	164	41423	19.685	ug/l	95
65) Chlorobenzene	11.40	112	137186	19.905	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	49498	19.476	ug/l	98
67) Ethyl Benzene	11.48	91	252100	19.487	ug/l	98
68) m/p-Xylenes	11.59	106	179973	39.298	ug/l	98
69) o-Xylene	11.92	106	87042	19.521	ug/l	99
70) Styrene	11.94	104	146569	19.889	ug/l	99
71) Bromoform	12.10	173	36640	19.666	ug/l #	99
73) Isopropylbenzene	12.22	105	235488	19.567	ug/l	99
74) N-amyl acetate	12.05	43	112901	19.274	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	79380	19.616	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	69489m	18.209	ug/l	
77) Bromobenzene	12.50	156	53331	19.492	ug/l	97
78) n-propylbenzene	12.56	91	274530	19.528	ug/l	100
79) 2-Chlorotoluene	12.65	91	167172	19.593	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	199343	20.205	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	25804	18.099	ug/l	99
82) 4-Chlorotoluene	12.75	91	168989	19.509	ug/l	99
83) tert-Butylbenzene	12.97	119	164974	19.704	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	195982	19.985	ug/l	100
85) sec-Butylbenzene	13.15	105	220043	19.833	ug/l	100
86) p-Isopropyltoluene	13.26	119	192274	20.080	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	93507	19.811	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	91519	18.844	ug/l	97
89) n-Butylbenzene	13.59	91	162996	19.278	ug/l	99
90) Hexachloroethane	13.85	117	35367	18.776	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	91596	20.071	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	14708	19.917	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	41047	18.977	ug/l	99
94) Hexachlorobutadiene	14.98	225	24445	20.174	ug/l	99
95) Naphthalene	15.10	128	111174	20.129	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	42513	19.406	ug/l	98

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

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