

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062372.D
 Acq On : 6 Jul 2020 19:07
 Operator : JC/MD
 Sample : VN0706WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 10:08:07 AM

Quant Time: Jul 07 05:37:58 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	1074084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1844416	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1701925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	782288	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	1040681	53.56	ug/l	0.00
Spiked Amount			Recovery	=	107.12%	
35) Dibromofluoromethane	7.55	113	679666	54.02	ug/l	0.00
Spiked Amount			Recovery	=	108.04%	
50) Toluene-d8	10.06	98	2554176	54.30	ug/l	0.00
Spiked Amount			Recovery	=	108.60%	
62) 4-Bromofluorobenzene	12.38	95	925532	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	240189	19.761	ug/l	95
3) Chloromethane	2.04	50	359522	19.910	ug/l	100
4) Vinyl Chloride	2.16	62	302509	19.619	ug/l	99
5) Bromomethane	2.53	94	181302	22.674	ug/l	100
6) Chloroethane	2.67	64	181964	20.299	ug/l	98
7) Trichlorofluoromethane	2.98	101	433717	20.379	ug/l	98
8) Diethyl Ether	3.37	74	165819	20.167	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	230470	19.381	ug/l	98
10) Methyl Iodide	3.91	142	270494	18.945	ug/l	100
11) Tert butyl alcohol	4.74	59	301316	112.021	ug/l	97
12) 1,1-Dichloroethene	3.70	96	217720	19.723	ug/l	98
13) Acrolein	3.57	56	104285	91.539	ug/l	99
14) Allyl chloride	4.27	41	564691	20.991	ug/l	96
15) Acrylonitrile	4.93	53	739483	104.675	ug/l	99
16) Acetone	3.78	43	749584	83.684	ug/l	100
17) Carbon Disulfide	4.01	76	666063	19.056	ug/l	99
18) Methyl Acetate	4.28	43	376219	20.755	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	866887	20.519	ug/l	96
20) Methylene Chloride	4.50	84	290566	21.320	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	243137	19.944	ug/l	97
22) Diisopropyl ether	5.91	45	1124934	20.907	ug/l	98
23) Vinyl Acetate	5.85	43	4828232	101.494	ug/l	97
24) 1,1-Dichloroethane	5.80	63	550434	20.643	ug/l	99
25) 2-Butanone	6.79	43	1120945	99.374	ug/l	98
26) 2,2-Dichloropropane	6.78	77	430475	19.600	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	296144	21.207	ug/l	94
28) Bromochloromethane	7.15	49	328204	22.026	ug/l	98
29) Tetrahydrofuran	7.17	42	760136	106.024	ug/l	99
30) Chloroform	7.33	83	522791	20.147	ug/l	99
31) Cyclohexane	7.62	56	492363	19.985	ug/l	# 96
32) 1,1,1-Trichloroethane	7.53	97	443851	20.356	ug/l	98
36) 1,1-Dichloropropene	7.75	75	382084	19.715	ug/l	99
37) Ethyl Acetate	6.88	43	474298	20.629	ug/l	99
38) Carbon Tetrachloride	7.73	117	398750	20.460	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	395039	18.954	ug/l	98
40) Benzene	8.00	78	1124901	20.432	ug/l	95
41) Methacrylonitrile	7.12	41	181355	15.626	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	485201	20.002	ug/l	99
43) Isopropyl Acetate	8.13	43	795395	20.698	ug/l	98
44) Trichloroethene	8.80	130	254341	19.323	ug/l	93
45) 1,2-Dichloropropane	9.08	63	327279	20.279	ug/l	99
46) Dibromomethane	9.18	93	198474	19.870	ug/l	99
47) Bromodichloromethane	9.37	83	419250	19.692	ug/l	99
48) Methyl methacrylate	9.17	41	387337	19.748	ug/l	99
49) 1,4-Dioxane	9.17	88	103542	388.711	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	2389776	98.731	ug/l	97
52) Toluene	10.12	92	679971	20.653	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	464227	20.265	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	481317	19.691	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	269647	20.438	ug/l	98
56) Ethyl methacrylate	10.40	69	422218	19.869	ug/l	99
57) 1,3-Dichloropropane	10.68	76	487630	19.903	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	724901	94.846	ug/l	100
59) 2-Hexanone	10.72	43	1734888	111.387	ug/l	96
60) Dibromochloromethane	10.87	129	295342	19.658	ug/l	97
61) 1,2-Dibromoethane	10.98	107	268434	19.819	ug/l	100
64) Tetrachloroethene	10.60	164	218085	19.916	ug/l	97
65) Chlorobenzene	11.41	112	713844	20.450	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	270396	20.601	ug/l	100
67) Ethyl Benzene	11.48	91	1313301	21.307	ug/l	97
68) m/p-Xylenes	11.60	106	926353	40.889	ug/l	92
69) o-Xylene	11.92	106	450700	20.225	ug/l	99
70) Styrene	11.94	104	751632	20.412	ug/l	99
71) Bromoform	12.10	173	198202	19.233	ug/l #	100
73) Isopropylbenzene	12.22	105	1236615	19.776	ug/l	99
74) N-amyl acetate	12.05	43	652127	20.971	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	411931	20.353	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	368078m	19.480	ug/l	
77) Bromobenzene	12.50	156	281151	20.557	ug/l	100
78) n-propylbenzene	12.57	91	1436155	19.469	ug/l	99
79) 2-Chlorotoluene	12.65	91	865344	20.596	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	1046821	21.510	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	128061	19.381	ug/l	98
82) 4-Chlorotoluene	12.75	91	900851	20.963	ug/l	99
83) tert-Butylbenzene	12.97	119	860614	20.867	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	1013834	21.073	ug/l	100
85) sec-Butylbenzene	13.15	105	1162104	21.996	ug/l	99
86) p-Isopropyltoluene	13.26	119	999311	20.988	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	502116	20.399	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	506294	19.903	ug/l	99
89) n-Butylbenzene	13.59	91	828673	20.155	ug/l	99
90) Hexachloroethane	13.85	117	197374	19.385	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	497700	21.113	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	81871	20.641	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	217877	19.167	ug/l	99
94) Hexachlorobutadiene	14.98	225	133154	20.666	ug/l	97
95) Naphthalene	15.11	128	576337	18.642	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	224922	19.824	ug/l	99

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

