

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060120\
 Data File : VN061586.D
 Acq On : 1 Jun 2020 11:47
 Operator : JC/MD
 Sample : VN0601WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/2/2020 4:01:36 PM

Quant Time: Jun 02 04:04:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	378751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	622515	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	582588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	286216	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	228665	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
35) Dibromofluoromethane	7.54	113	181363	57.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.86%	
50) Toluene-d8	10.06	98	765935	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.37	95	268937	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	84810	20.097	ug/l	98
3) Chloromethane	2.03	50	87358	18.911	ug/l	100
4) Vinyl Chloride	2.16	62	115080	18.179	ug/l	99
5) Bromomethane	2.54	94	72350	19.917	ug/l	100
6) Chloroethane	2.67	64	74859	18.372	ug/l	99
7) Trichlorofluoromethane	2.98	101	144638	17.718	ug/l	99
8) Diethyl Ether	3.37	74	45298	18.147	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	74675	20.614	ug/l	97
10) Methyl Iodide	3.91	142	94089	18.710	ug/l	98
11) Tert butyl alcohol	4.72	59	56433	94.020	ug/l	100
12) 1,1-Dichloroethene	3.69	96	71449	18.461	ug/l	98
13) Acrolein	3.57	56	18166	84.146	ug/l	96
14) Allyl chloride	4.27	41	90136	17.815	ug/l	98
15) Acrylonitrile	4.92	53	144622	86.323	ug/l	98
16) Acetone	3.77	43	123146	95.179	ug/l	99
17) Carbon Disulfide	4.00	76	186780	21.936	ug/l	97
18) Methyl Acetate	4.27	43	69814	17.090	ug/l	100
19) Methyl tert-butyl Ether	4.98	73	237658	18.018	ug/l	99
20) Methylene Chloride	4.49	84	81331	18.742	ug/l	94
21) trans-1,2-Dichloroethene	4.98	96	80750	18.501	ug/l	94
22) Diisopropyl ether	5.89	45	206615	18.528	ug/l	95
23) Vinyl Acetate	5.84	43	775001	87.195	ug/l	100
24) 1,1-Dichloroethane	5.79	63	130985	18.523	ug/l	99
25) 2-Butanone	6.78	43	177144	82.830	ug/l	98
26) 2,2-Dichloropropane	6.77	77	123799	19.128	ug/l	100
27) cis-1,2-Dichloroethene	6.77	96	93090	18.836	ug/l	99
28) Bromochloromethane	7.14	49	56865	20.600	ug/l	96
29) Tetrahydrofuran	7.16	42	113307	80.345	ug/l	98
30) Chloroform	7.32	83	148725	19.010	ug/l	99
31) Cyclohexane	7.61	56	118013	18.556	ug/l	# 92
32) 1,1,1-Trichloroethane	7.52	97	132105	18.532	ug/l	98
36) 1,1-Dichloropropene	7.75	75	106948	19.407	ug/l	99
37) Ethyl Acetate	6.87	43	79581	17.929	ug/l	99
38) Carbon Tetrachloride	7.73	117	104778	19.711	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	131742	19.395	ug/l	98
40) Benzene	8.00	78	326726	19.215	ug/l	99
41) Methacrylonitrile	7.12	41	27893	13.716	ug/l	89
42) 1,2-Dichloroethane	8.08	62	107087	18.812	ug/l	100
43) Isopropyl Acetate	8.12	43	136347	17.074	ug/l	99
44) Trichloroethene	8.80	130	100096	19.155	ug/l	97
45) 1,2-Dichloropropane	9.08	63	77304	19.146	ug/l	99
46) Dibromomethane	9.17	93	57895	18.696	ug/l	100
47) Bromodichloromethane	9.37	83	117767	19.196	ug/l	100
48) Methyl methacrylate	9.16	41	56905	15.838	ug/l	96
49) 1,4-Dioxane	9.16	88	24750	444.669	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	381437	84.762	ug/l	100
52) Toluene	10.12	92	215162	19.387	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	124273	18.803	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	135542	19.074	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	84221	19.048	ug/l	96
56) Ethyl methacrylate	10.40	69	109805	17.778	ug/l	99
57) 1,3-Dichloropropane	10.68	76	134557	19.028	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	234073	88.682	ug/l	100
59) 2-Hexanone	10.72	43	266230	82.377	ug/l	99
60) Dibromochloromethane	10.87	129	95152	18.930	ug/l	99
61) 1,2-Dibromoethane	10.98	107	86296	18.714	ug/l	100
64) Tetrachloroethene	10.60	164	105340	19.209	ug/l	95
65) Chlorobenzene	11.40	112	232907	19.233	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	87415	19.386	ug/l	99
67) Ethyl Benzene	11.48	91	404248	19.314	ug/l	99
68) m/p-Xylenes	11.59	106	318442	38.371	ug/l	98
69) o-Xylene	11.92	106	155180	19.687	ug/l	97
70) Styrene	11.94	104	247570	18.966	ug/l	98
71) Bromoform	12.10	173	62331	17.939	ug/l #	97
73) Isopropylbenzene	12.22	105	404387	19.358	ug/l	100
74) N-amyl acetate	12.04	43	111545	16.955	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	102399	17.492	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	84618m	16.259	ug/l	
77) Bromobenzene	12.50	156	99686	18.695	ug/l	100
78) n-propylbenzene	12.56	91	451607	19.365	ug/l	100
79) 2-Chlorotoluene	12.65	91	263504	18.949	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	339836	19.463	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	33499	16.460	ug/l	95
82) 4-Chlorotoluene	12.74	91	272622	18.635	ug/l	99
83) tert-Butylbenzene	12.97	119	295233	19.138	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	340773	19.646	ug/l	100
85) sec-Butylbenzene	13.15	105	385960	19.416	ug/l	99
86) p-Isopropyltoluene	13.26	119	362967	19.827	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	180662	19.133	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	181047	18.821	ug/l	99
89) n-Butylbenzene	13.59	91	298183	19.446	ug/l	99
90) Hexachloroethane	13.85	117	43690	21.580	ug/l	99
91) 1,2-Dichlorobenzene	13.62	146	174104	19.294	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19545	16.371	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	98304	18.627	ug/l	99
94) Hexachlorobutadiene	14.98	225	45716	20.311	ug/l	99
95) Naphthalene	15.10	128	272266	16.950	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	96297	18.558	ug/l	99

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

