

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060920\
 Data File : VN061717.D
 Acq On : 9 Jun 2020 11:32
 Operator : JC/MD
 Sample : VN0609WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0609WBS01

Quant Time: Jun 10 03:33:46 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	330075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	531340	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	504785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	249276	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	184149	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
35) Dibromofluoromethane	7.54	113	152108	56.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.86%	
50) Toluene-d8	10.06	98	632401	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
62) 4-Bromofluorobenzene	12.37	95	221930	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	70646	19.260	ug/l 98
3) Chloromethane	2.03	50	72388	17.981	ug/l 97
4) Vinyl Chloride	2.16	62	92375	16.744	ug/l 98
5) Bromomethane	2.54	94	62209	19.651	ug/l 98
6) Chloroethane	2.67	64	64366	18.126	ug/l 98
7) Trichlorofluoromethane	2.98	101	132058	18.563	ug/l 98
8) Diethyl Ether	3.37	74	38823	17.846	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	61982	19.633	ug/l 97
10) Methyl Iodide	3.91	142	85920	19.605	ug/l 98
11) Tert butyl alcohol	4.73	59	49046	93.763	ug/l 100
12) 1,1-Dichloroethene	3.69	96	58523	17.352	ug/l 96
13) Acrolein	3.56	56	12257	57.262	ug/l 100
14) Allyl chloride	4.27	41	70334	15.951	ug/l 95
15) Acrylonitrile	4.93	53	124008	84.935	ug/l 100
16) Acetone	3.77	43	110742	98.417	ug/l 98
17) Carbon Disulfide	4.01	76	137731	18.561	ug/l 98
18) Methyl Acetate	4.27	43	59848	16.811	ug/l 97
19) Methyl tert-butyl Ether	4.99	73	197671	17.196	ug/l 99
20) Methylene Chloride	4.50	84	69576	18.364	ug/l 95
21) trans-1,2-Dichloroethene	4.99	96	65895	17.324	ug/l 94
22) Diisopropyl ether	5.90	45	169674	17.459	ug/l 95
23) Vinyl Acetate	5.84	43	610948	78.874	ug/l 96
24) 1,1-Dichloroethane	5.79	63	109112	17.705	ug/l 99
25) 2-Butanone	6.78	43	152464	81.803	ug/l 98
26) 2,2-Dichloropropane	6.77	77	101146	17.932	ug/l 97
27) cis-1,2-Dichloroethene	6.78	96	77881	18.082	ug/l 99
28) Bromochloromethane	7.15	49	48922	20.318	ug/l 96
29) Tetrahydrofuran	7.16	42	94683	77.040	ug/l 96
30) Chloroform	7.32	83	125139	18.354	ug/l 100
31) Cyclohexane	7.61	56	92701	16.726	ug/l # 92
32) 1,1,1-Trichloroethane	7.53	97	109886	17.688	ug/l 98
36) 1,1-Dichloropropene	7.75	75	88918	18.904	ug/l 99
37) Ethyl Acetate	6.88	43	63224	16.688	ug/l 99
38) Carbon Tetrachloride	7.73	117	90586	19.966	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	100586	17.349	ug/l	98
40) Benzene	8.00	78	272108	18.749	ug/l	99
41) Methacrylonitrile	7.12	41	25552m	14.721	ug/l	
42) 1,2-Dichloroethane	8.08	62	90940	18.716	ug/l	100
43) Isopropyl Acetate	8.12	43	108458	15.912	ug/l	96
44) Trichloroethene	8.80	130	83661	18.757	ug/l	92
45) 1,2-Dichloropropane	9.08	63	66170	19.201	ug/l	97
46) Dibromomethane	9.17	93	49599	18.766	ug/l	98
47) Bromodichloromethane	9.37	83	100350	19.163	ug/l	99
48) Methyl methacrylate	9.17	41	48456	15.801	ug/l	97
49) 1,4-Dioxane	9.16	88	23433	493.249	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	320893	83.544	ug/l	97
52) Toluene	10.12	92	182240	19.239	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	100220	17.766	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	112402	18.531	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	73785	19.551	ug/l	97
56) Ethyl methacrylate	10.40	69	90547	17.176	ug/l	99
57) 1,3-Dichloropropane	10.68	76	117043	19.391	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	190421	84.523	ug/l	99
59) 2-Hexanone	10.72	43	228585	82.865	ug/l	98
60) Dibromochloromethane	10.87	129	82329	19.189	ug/l	98
61) 1,2-Dibromoethane	10.98	107	75089	19.077	ug/l	100
64) Tetrachloroethene	10.60	164	91364	19.228	ug/l	99
65) Chlorobenzene	11.40	112	201855	19.238	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	74942	19.182	ug/l	98
67) Ethyl Benzene	11.48	91	338945	18.690	ug/l	100
68) m/p-Xylenes	11.59	106	266645	37.082	ug/l	99
69) o-Xylene	11.92	106	127282	18.636	ug/l	98
70) Styrene	11.94	104	210471	18.609	ug/l	99
71) Bromoform	12.10	173	55711	18.505	ug/l #	100
73) Isopropylbenzene	12.22	105	341059	18.746	ug/l	100
74) N-amyl acetate	12.04	43	88605	15.464	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.48	83	91414	17.930	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	83124m	18.338	ug/l	
77) Bromobenzene	12.50	156	89128	19.192	ug/l	96
78) n-propylbenzene	12.56	91	377834	18.602	ug/l	99
79) 2-Chlorotoluene	12.65	91	221768	18.311	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	283328	18.632	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	27144	15.314	ug/l	92
82) 4-Chlorotoluene	12.75	91	228993	17.973	ug/l	98
83) tert-Butylbenzene	12.97	119	241624	17.984	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	280154	18.545	ug/l	99
85) sec-Butylbenzene	13.15	105	311910	18.016	ug/l	98
86) p-Isopropyltoluene	13.26	119	288688	18.106	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	157779	19.186	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	156447	18.674	ug/l	99
89) n-Butylbenzene	13.59	91	227652	17.047	ug/l	99
90) Hexachloroethane	13.85	117	39176	22.218	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	152908	19.456	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	16280	15.657	ug/l	96

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93) 1,2,4-Trichlorobenzene	14.88	180	83162	18.093	ug/l	98
94) Hexachlorobutadiene	14.98	225	36817	18.781	ug/l	100
95) Naphthalene	15.10	128	227316	16.248	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	81044	17.933	ug/l	99

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

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