

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
 Data File : VN061744.D
 Acq On : 11 Jun 2020 14:07
 Operator : JC/MD
 Sample : VN0611WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/12/2020 5:46:10 PM

Quant Time: Jun 12 05:24:56 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	312500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	496985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	472178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	233668	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	173135	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
35) Dibromofluoromethane	7.54	113	138343	54.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.74%	
50) Toluene-d8	10.06	98	586480	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.37	95	207124	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	61380	17.769	ug/l	100
3) Chloromethane	2.03	50	63200	16.581	ug/l	100
4) Vinyl Chloride	2.16	62	83511	15.989	ug/l	100
5) Bromomethane	2.53	94	56300	18.785	ug/l	94
6) Chloroethane	2.67	64	57191	17.011	ug/l	97
7) Trichlorofluoromethane	2.98	101	117438	17.436	ug/l	100
8) Diethyl Ether	3.37	74	36099	17.528	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	55926	18.711	ug/l	96
10) Methyl Iodide	3.91	142	75843	18.279	ug/l	97
11) Tert butyl alcohol	4.73	59	49129	99.204	ug/l	100
12) 1,1-Dichloroethene	3.69	96	52314	16.383	ug/l	96
13) Acrolein	3.57	56	9973	44.301	ug/l	99
14) Allyl chloride	4.27	41	64983	15.566	ug/l	97
15) Acrylonitrile	4.93	53	121229	87.701	ug/l	99
16) Acetone	3.77	43	96024	89.601	ug/l	100
17) Carbon Disulfide	4.01	76	114291	16.268	ug/l	99
18) Methyl Acetate	4.27	43	61725	18.313	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	186171	17.107	ug/l	98
20) Methylene Chloride	4.50	84	64365	17.903	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	61184	16.990	ug/l	98
22) Diisopropyl ether	5.89	45	158598	17.237	ug/l	93
23) Vinyl Acetate	5.84	43	580146	79.110	ug/l	97
24) 1,1-Dichloroethane	5.79	63	103542	17.746	ug/l	99
25) 2-Butanone	6.78	43	145329	82.360	ug/l	97
26) 2,2-Dichloropropane	6.77	77	91586	17.150	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	72206	17.707	ug/l	98
28) Bromochloromethane	7.15	49	43131	18.821	ug/l	94
29) Tetrahydrofuran	7.16	42	94778	81.454	ug/l	98
30) Chloroform	7.33	83	116567	18.059	ug/l	98
31) Cyclohexane	7.61	56	83847	15.979	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	101542	17.264	ug/l	99
36) 1,1-Dichloropropene	7.75	75	80276	18.246	ug/l	100
37) Ethyl Acetate	6.88	43	58748	16.579	ug/l #	93
38) Carbon Tetrachloride	7.73	117	81561	19.219	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	90069	16.609	ug/l	97
40) Benzene	8.00	78	254362	18.738	ug/l	95
41) Methacrylonitrile	7.12	41	23858	14.695	ug/l	91
42) 1,2-Dichloroethane	8.08	62	82281	18.105	ug/l	99
43) Isopropyl Acetate	8.12	43	104210	16.346	ug/l	96
44) Trichloroethene	8.80	130	77421	18.558	ug/l	90
45) 1,2-Dichloropropane	9.08	63	62452	19.375	ug/l	97
46) Dibromomethane	9.18	93	47725	19.305	ug/l	98
47) Bromodichloromethane	9.37	83	93711	19.133	ug/l	99
48) Methyl methacrylate	9.17	41	44101	15.375	ug/l	94
49) 1,4-Dioxane	9.16	88	23726	533.940	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	309264	86.082	ug/l	98
52) Toluene	10.12	92	165624	18.693	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	97406	18.461	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	104651	18.446	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	67944	19.248	ug/l	96
56) Ethyl methacrylate	10.40	69	84568	17.150	ug/l	98
57) 1,3-Dichloropropane	10.68	76	108119	19.151	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	159442	75.665	ug/l	98
59) 2-Hexanone	10.72	43	212961	82.538	ug/l	96
60) Dibromochloromethane	10.87	129	77391	19.285	ug/l	99
61) 1,2-Dibromoethane	10.98	107	71916	19.534	ug/l	100
64) Tetrachloroethene	10.60	164	81496	18.336	ug/l	98
65) Chlorobenzene	11.40	112	184329	18.781	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	72221	19.762	ug/l	99
67) Ethyl Benzene	11.48	91	308519	18.187	ug/l	98
68) m/p-Xylenes	11.59	106	244249	36.313	ug/l	98
69) o-Xylene	11.92	106	117051	18.322	ug/l	99
70) Styrene	11.94	104	191171	18.069	ug/l	100
71) Bromoform	12.10	173	52822	18.757	ug/l #	100
73) Isopropylbenzene	12.22	105	309238	18.132	ug/l	100
74) N-amyl acetate	12.04	43	83547	15.555	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	87877	18.387	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	79965m	18.820	ug/l	
77) Bromobenzene	12.50	156	83121	19.094	ug/l	97
78) n-propylbenzene	12.57	91	341659	17.945	ug/l	99
79) 2-Chlorotoluene	12.65	91	202052	17.797	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	257330	18.052	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	26160	15.744	ug/l	96
82) 4-Chlorotoluene	12.75	91	210383	17.615	ug/l	99
83) tert-Butylbenzene	12.97	119	218805	17.373	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	257384	18.176	ug/l	98
85) sec-Butylbenzene	13.15	105	282249	17.391	ug/l	99
86) p-Isopropyltoluene	13.26	119	263146	17.607	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	147411	19.122	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	145751	18.559	ug/l	99
89) n-Butylbenzene	13.59	91	209585	16.742	ug/l	97
90) Hexachloroethane	13.85	117	39214	23.725	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	141737	19.239	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	14494	14.870	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	74966	17.399	ug/l	99
94) Hexachlorobutadiene	14.99	225	34729	18.900	ug/l	97
95) Naphthalene	15.11	128	204993	15.631	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	76327	18.018	ug/l	100

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

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