

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062207.D
 Acq On : 30 Jun 2020 00:09
 Operator : JC/MD
 Sample : VN0629WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 10:42:31 AM

Quant Time: Jun 30 06:14:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	211235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	393581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	363414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	158467	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	167748	56.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.18%	
35) Dibromofluoromethane	7.55	113	131691	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
50) Toluene-d8	10.06	98	523937	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.38	95	171478	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	42533	17.814	ug/l	98
3) Chloromethane	2.03	50	56673	19.341	ug/l	100
4) Vinyl Chloride	2.16	62	68111	18.114	ug/l	99
5) Bromomethane	2.53	94	47991	19.748	ug/l	95
6) Chloroethane	2.67	64	47931	18.661	ug/l	96
7) Trichlorofluoromethane	2.98	101	82190	17.740	ug/l	99
8) Diethyl Ether	3.37	74	31684	19.584	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	45222	18.639	ug/l	98
10) Methyl Iodide	3.91	142	53445	19.559	ug/l	99
11) Tert butyl alcohol	4.74	59	44563	104.703	ug/l	100
12) 1,1-Dichloroethene	3.70	96	45877	18.915	ug/l	96
13) Acrolein	3.57	56	39757	95.409	ug/l	100
14) Allyl chloride	4.27	41	66445	20.121	ug/l	98
15) Acrylonitrile	4.93	53	119603	103.123	ug/l	98
16) Acetone	3.78	43	97944	102.880	ug/l	96
17) Carbon Disulfide	4.01	76	129740	18.707	ug/l	98
18) Methyl Acetate	4.28	43	48789	20.704	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	155665	20.085	ug/l	99
20) Methylene Chloride	4.50	84	57780	21.108	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	49973	18.086	ug/l	95
22) Diisopropyl ether	5.90	45	152305	20.256	ug/l	94
23) Vinyl Acetate	5.84	43	623111	101.504	ug/l	99
24) 1,1-Dichloroethane	5.80	63	95705	19.767	ug/l	99
25) 2-Butanone	6.79	43	149964	103.500	ug/l	99
26) 2,2-Dichloropropane	6.78	77	66955	16.595	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	58722	18.886	ug/l	100
28) Bromochloromethane	7.15	49	41483	19.747	ug/l	97
29) Tetrahydrofuran	7.17	42	98997	104.304	ug/l	100
30) Chloroform	7.33	83	96955	19.682	ug/l	99
31) Cyclohexane	7.62	56	79699	19.460	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	80445	19.364	ug/l	99
36) 1,1-Dichloropropene	7.75	75	70513	17.824	ug/l	98
37) Ethyl Acetate	6.88	43	66382	20.264	ug/l	99
38) Carbon Tetrachloride	7.73	117	66523	17.836	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	75293	17.370	ug/l	97
40) Benzene	8.00	78	220821	18.313	ug/l	99
41) Methacrylonitrile	7.14	41	28580m	18.819	ug/l	
42) 1,2-Dichloroethane	8.09	62	75474	18.526	ug/l	100
43) Isopropyl Acetate	8.13	43	103610	19.402	ug/l	98
44) Trichloroethene	8.80	130	54239	17.832	ug/l	99
45) 1,2-Dichloropropane	9.09	63	57506	19.331	ug/l	97
46) Dibromomethane	9.18	93	36729	18.211	ug/l	99
47) Bromodichloromethane	9.37	83	76806	18.860	ug/l	99
48) Methyl methacrylate	9.17	41	46565	19.448	ug/l	96
49) 1,4-Dioxane	9.17	88	20089	378.336	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	317168	101.655	ug/l	99
52) Toluene	10.12	92	136484	18.551	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	79617	17.770	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	86617	18.159	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	56814	19.645	ug/l	98
56) Ethyl methacrylate	10.40	69	72735	18.845	ug/l	98
57) 1,3-Dichloropropane	10.68	76	94654	19.015	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	136929	94.065	ug/l	98
59) 2-Hexanone	10.72	43	225965	100.297	ug/l	98
60) Dibromochloromethane	10.87	129	55313	18.065	ug/l	100
61) 1,2-Dibromoethane	10.98	107	54216	18.245	ug/l	98
64) Tetrachloroethene	10.60	164	42377	17.071	ug/l	95
65) Chlorobenzene	11.40	112	145641	18.249	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	51006	18.483	ug/l	99
67) Ethyl Benzene	11.48	91	247810	18.386	ug/l	100
68) m/p-Xylenes	11.60	106	188313	36.123	ug/l	98
69) o-Xylene	11.92	106	89392	18.174	ug/l	96
70) Styrene	11.94	104	149371	18.209	ug/l	100
71) Bromoform	12.10	173	35069	17.873	ug/l #	99
73) Isopropylbenzene	12.22	105	236325	19.266	ug/l	99
74) N-amyl acetate	12.05	43	80678	20.015	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	81556	19.979	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	73459m	19.692	ug/l	
77) Bromobenzene	12.50	156	57420	18.855	ug/l	96
78) n-propylbenzene	12.57	91	275013	19.600	ug/l	98
79) 2-Chlorotoluene	12.65	91	164494	19.392	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	196432	19.754	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	22641	17.724	ug/l	97
82) 4-Chlorotoluene	12.75	91	166339	18.963	ug/l	100
83) tert-Butylbenzene	12.97	119	164752	19.360	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	194837	19.618	ug/l	98
85) sec-Butylbenzene	13.15	105	221010	19.654	ug/l	99
86) p-Isopropyltoluene	13.26	119	190848	19.371	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	96995	18.138	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	98431	17.856	ug/l	98
89) n-Butylbenzene	13.59	91	148261	18.101	ug/l	99
90) Hexachloroethane	13.85	117	38163	19.743	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	96389	18.587	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12954	19.810	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	39176	17.293	ug/l	99
94) Hexachlorobutadiene	14.99	225	19777	20.100	ug/l	99
95) Naphthalene	15.11	128	111475	17.574	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	40690	17.566	ug/l	98

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

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