

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062259.D
 Acq On : 1 Jul 2020 00:17
 Operator : JC/MD
 Sample : VN0630WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 11:04:23 AM

Quant Time: Jul 01 05:42:08 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	203092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	384595	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	350370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	153286	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	171661	60.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.46%	
35) Dibromofluoromethane	7.55	113	131884	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
50) Toluene-d8	10.06	98	505187	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
62) 4-Bromofluorobenzene	12.38	95	165333	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	38950	16.967	ug/l	97
3) Chloromethane	2.03	50	57561	20.510	ug/l	100
4) Vinyl Chloride	2.16	62	65753	18.188	ug/l	97
5) Bromomethane	2.53	94	41820	17.899	ug/l	96
6) Chloroethane	2.67	64	47336	19.168	ug/l	99
7) Trichlorofluoromethane	2.98	101	71809	16.120	ug/l	99
8) Diethyl Ether	3.37	74	33025	21.232	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	42251	18.112	ug/l	97
10) Methyl Iodide	3.91	142	46421	17.670	ug/l	99
11) Tert butyl alcohol	4.73	59	48023m	117.357	ug/l	
12) 1,1-Dichloroethene	3.69	96	43068	18.468	ug/l	95
13) Acrolein	3.57	56	42135	105.170	ug/l	98
14) Allyl chloride	4.27	41	67362	21.217	ug/l	97
15) Acrylonitrile	4.93	53	126881	113.784	ug/l	100
16) Acetone	3.78	43	106073	116.406	ug/l	98
17) Carbon Disulfide	4.00	76	123341	18.498	ug/l	99
18) Methyl Acetate	4.28	43	54423	24.021	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	160508	21.540	ug/l	98
20) Methylene Chloride	4.50	84	58740	22.331	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	49833	18.758	ug/l	98
22) Diisopropyl ether	5.90	45	158810	21.968	ug/l	94
23) Vinyl Acetate	5.84	43	650294	110.179	ug/l	97
24) 1,1-Dichloroethane	5.80	63	97559	20.957	ug/l	99
25) 2-Butanone	6.79	43	159437	114.450	ug/l	98
26) 2,2-Dichloropropane	6.78	77	63930	16.480	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	58917	19.709	ug/l	99
28) Bromochloromethane	7.15	49	48046	23.788	ug/l	93
29) Tetrahydrofuran	7.17	42	106087	116.256	ug/l	97
30) Chloroform	7.33	83	97888	20.668	ug/l	98
31) Cyclohexane	7.61	56	72001	18.285	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	76820	19.233	ug/l	98
36) 1,1-Dichloropropene	7.75	75	66578	17.222	ug/l	98
37) Ethyl Acetate	6.88	43	68354	21.354	ug/l	97
38) Carbon Tetrachloride	7.73	117	62108	17.041	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	67378	15.907	ug/l	98
40) Benzene	8.00	78	220134	18.683	ug/l	99
41) Methacrylonitrile	7.14	41	32720m	22.048	ug/l	
42) 1,2-Dichloroethane	8.08	62	80194	20.145	ug/l	99
43) Isopropyl Acetate	8.13	43	109782	21.038	ug/l	99
44) Trichloroethene	8.80	130	49755	16.740	ug/l	97
45) 1,2-Dichloropropane	9.08	63	58119	19.994	ug/l	100
46) Dibromomethane	9.17	93	38110	19.337	ug/l	96
47) Bromodichloromethane	9.37	83	77506	19.477	ug/l	100
48) Methyl methacrylate	9.17	41	48924	20.910	ug/l	95
49) 1,4-Dioxane	9.17	88	20542	395.906	ug/l #	93
51) 4-Methyl-2-Pentanone	9.95	43	336209	110.276	ug/l	98
52) Toluene	10.12	92	132822	18.475	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	82380	18.816	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	87402	18.751	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	56111	19.855	ug/l	96
56) Ethyl methacrylate	10.40	69	73508	19.491	ug/l	96
57) 1,3-Dichloropropane	10.68	76	95857	19.706	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	138569	96.842	ug/l	98
59) 2-Hexanone	10.72	43	240559	109.269	ug/l	99
60) Dibromochloromethane	10.87	129	56117	18.756	ug/l	99
61) 1,2-Dibromoethane	10.98	107	55185	19.005	ug/l	100
64) Tetrachloroethene	10.60	164	37980	15.869	ug/l	89
65) Chlorobenzene	11.41	112	138243	17.967	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	49746	18.697	ug/l	98
67) Ethyl Benzene	11.48	91	236355	18.189	ug/l	97
68) m/p-Xylenes	11.60	106	179138	35.642	ug/l	96
69) o-Xylene	11.92	106	86055	18.147	ug/l	96
70) Styrene	11.94	104	145879	18.445	ug/l	99
71) Bromoform	12.10	173	34229	18.095	ug/l #	99
73) Isopropylbenzene	12.22	105	220395	18.574	ug/l	100
74) N-amyl acetate	12.05	43	85011	21.505	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	86058	21.795	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	71237m	19.742	ug/l	
77) Bromobenzene	12.50	156	55065	18.692	ug/l	92
78) n-propylbenzene	12.57	91	254868	18.778	ug/l	99
79) 2-Chlorotoluene	12.65	91	158768	19.350	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	184195	19.149	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	24170	19.561	ug/l	98
82) 4-Chlorotoluene	12.75	91	161068	18.983	ug/l	98
83) tert-Butylbenzene	12.97	119	150635	18.299	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	184118	19.165	ug/l	100
85) sec-Butylbenzene	13.15	105	204745	18.823	ug/l	99
86) p-Isopropyltoluene	13.26	119	177776	18.655	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	94585	18.285	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	96351	18.069	ug/l	99
89) n-Butylbenzene	13.59	91	141127	17.812	ug/l	98
90) Hexachloroethane	13.85	117	34088	18.231	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	95340	19.007	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12924	20.432	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	36848	16.815	ug/l	99
94) Hexachlorobutadiene	14.98	225	16835	17.688	ug/l	99
95) Naphthalene	15.10	128	110027	17.851	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	40159	17.923	ug/l	99

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

