

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011520\
 Data File : VN059712.D
 Acq On : 15 Jan 2020 11:16
 Operator : JC/MD
 Sample : VN0115WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

Manual Integrations
 APPROVED

MMDadoda

Quant Time: Jan 16 04:25:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

1/16/2020 10:56:53 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	193687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	297687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	267844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	123959	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	110092	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
35) Dibromofluoromethane	7.57	113	93576	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
50) Toluene-d8	10.08	98	356530	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.40	95	124943	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	47100	20.315	ug/l	99
3) Chloromethane	2.04	50	45972	20.732	ug/l	97
4) Vinyl Chloride	2.17	62	55672	21.943	ug/l	97
5) Bromomethane	2.54	94	33694	21.761	ug/l	95
6) Chloroethane	2.69	64	25391	21.153	ug/l	97
7) Trichlorofluoromethane	3.00	101	63918	20.977	ug/l	95
8) Diethyl Ether	3.38	74	22606	21.141	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.74	101	36135	21.308	ug/l	92
10) Methyl Iodide	3.93	142	56165	20.490	ug/l	94
11) Tert butyl alcohol	4.73	59	37228	102.811	ug/l	100
12) 1,1-Dichloroethene	3.72	96	36416	20.550	ug/l	87
13) Acrolein	3.58	56	19861	77.484	ug/l	98
14) Allyl chloride	4.29	41	51532	21.575	ug/l #	89
15) Acrylonitrile	4.95	53	86055	104.186	ug/l	99
16) Acetone	3.78	43	80513	103.896	ug/l	98
17) Carbon Disulfide	4.03	76	102237	20.253	ug/l	100
18) Methyl Acetate	4.29	43	51272	20.407	ug/l #	90
19) Methyl tert-butyl Ether	5.00	73	120177	20.801	ug/l	96
20) Methylene Chloride	4.52	84	39750	19.640	ug/l	89
21) trans-1,2-Dichloroethene	5.01	96	38342	20.355	ug/l	89
22) Diisopropyl ether	5.92	45	111530	20.605	ug/l	94
23) Vinyl Acetate	5.86	43	427174	101.932	ug/l	95
24) 1,1-Dichloroethane	5.82	63	68338	20.663	ug/l	98
25) 2-Butanone	6.80	43	116678	95.790	ug/l	92
26) 2,2-Dichloropropane	6.80	77	63142	19.859	ug/l	94
27) cis-1,2-Dichloroethene	6.80	96	45098	20.816	ug/l	87
28) Bromochloromethane	7.17	49	26721	20.214	ug/l #	73
29) Tetrahydrofuran	7.18	42	74423	98.751	ug/l #	87
30) Chloroform	7.35	83	71439	20.847	ug/l	98
31) Cyclohexane	7.63	56	62270	19.567	ug/l	86
32) 1,1,1-Trichloroethane	7.54	97	66266	20.914	ug/l	96
36) 1,1-Dichloropropene	7.77	75	53175	20.512	ug/l	95
37) Ethyl Acetate	6.90	43	46770	19.236	ug/l	95
38) Carbon Tetrachloride	7.75	117	58856	20.871	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	65161	20.385	ug/l	92
40) Benzene	8.02	78	158517	20.503	ug/l	99
41) Methacrylonitrile	7.15	41	22982m	19.190	ug/l	
42) 1,2-Dichloroethane	8.10	62	54853	20.926	ug/l	97
43) Isopropyl Acetate	8.14	43	82428	19.710	ug/l #	94
44) Trichloroethene	8.82	130	45063	21.351	ug/l	96
45) 1,2-Dichloropropane	9.10	63	40069	20.944	ug/l	99
46) Dibromomethane	9.19	93	28249	20.932	ug/l	90
47) Bromodichloromethane	9.39	83	56442	20.754	ug/l	98
48) Methyl methacrylate	9.18	41	37654	20.129	ug/l	90
49) 1,4-Dioxane	9.18	88	14919	435.655	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	239284	98.977	ug/l	94
52) Toluene	10.14	92	102127	20.913	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	61219	20.160	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	67454	21.112	ug/l	92
55) 1,1,2-Trichloroethane	10.55	97	40126	20.746	ug/l	96
56) Ethyl methacrylate	10.42	69	59156	20.016	ug/l	93
57) 1,3-Dichloropropane	10.70	76	65125	21.209	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	102183	114.790	ug/l	91
59) 2-Hexanone	10.74	43	179033	100.522	ug/l	95
60) Dibromochloromethane	10.89	129	45505	20.660	ug/l	99
61) 1,2-Dibromoethane	10.99	107	42310	20.871	ug/l	100
64) Tetrachloroethene	10.62	164	42976	19.687	ug/l	94
65) Chlorobenzene	11.43	112	109357	20.772	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	42984	21.130	ug/l	98
67) Ethyl Benzene	11.50	91	196888	20.602	ug/l	97
68) m/p-Xylenes	11.62	106	150980	41.822	ug/l	92
69) o-Xylene	11.94	106	73059	20.672	ug/l	93
70) Styrene	11.96	104	120582	20.389	ug/l	96
71) Bromoform	12.12	173	33967	20.846	ug/l #	99
73) Isopropylbenzene	12.24	105	193510	21.286	ug/l	99
74) N-amyl acetate	12.06	43	69350	19.659	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	56842	21.568	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	50565m	24.239	ug/l	
77) Bromobenzene	12.52	156	49497	21.500	ug/l	81
78) n-propylbenzene	12.59	91	216666	21.234	ug/l	97
79) 2-Chlorotoluene	12.67	91	127161	20.948	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	163041	21.325	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	19949	20.536	ug/l	93
82) 4-Chlorotoluene	12.77	91	128023	21.027	ug/l	94
83) tert-Butylbenzene	12.99	119	142214	21.507	ug/l	95
84) 1,2,4-Trimethylbenzene	13.03	105	160395	21.205	ug/l	97
85) sec-Butylbenzene	13.17	105	184196	21.202	ug/l	99
86) p-Isopropyltoluene	13.28	119	168741	20.991	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	85192	21.303	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	84354	21.144	ug/l	98
89) n-Butylbenzene	13.61	91	142354	20.769	ug/l	98
90) Hexachloroethane	13.87	117	31590	21.003	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	83840	21.206	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12535	20.946	ug/l	84

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93) 1,2,4-Trichlorobenzene	14.90	180	50584	21.293	ug/l	98
94) Hexachlorobutadiene	15.01	225	28334	21.644	ug/l	97
95) Naphthalene	15.13	128	140744	20.829	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	49631	21.464	ug/l	99

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

