

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110719\
 Data File : VN059122.D
 Acq On : 7 Nov 2019 15:10
 Operator : JC/SP
 Sample : VN1107WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBSD02

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 9:39:20 AM

Quant Time: Nov 08 02:58:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	478151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	756260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	677546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	301246	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	298493	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
35) Dibromofluoromethane	7.57	113	230864	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
50) Toluene-d8	10.08	98	900978	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.40	95	314986	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	92187	19.136	ug/l	99
3) Chloromethane	2.04	50	122713	18.738	ug/l	99
4) Vinyl Chloride	2.17	62	122643	19.317	ug/l	99
5) Bromomethane	2.55	94	72626	19.878	ug/l	98
6) Chloroethane	2.68	64	73265	19.507	ug/l	98
7) Trichlorofluoromethane	3.00	101	150994	19.883	ug/l	99
8) Diethyl Ether	3.39	74	60244	19.523	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	90185	19.696	ug/l	99
10) Methyl Iodide	3.93	142	111749	19.717	ug/l	99
11) Tert butyl alcohol	4.75	59	107549	96.012	ug/l	98
12) 1,1-Dichloroethene	3.71	96	88964	19.945	ug/l	95
13) Acrolein	3.58	56	52149	90.296	ug/l	99
14) Allyl chloride	4.30	41	178341	19.465	ug/l	98
15) Acrylonitrile	4.95	53	293585	105.314	ug/l	99
16) Acetone	3.79	43	285761	93.492	ug/l	98
17) Carbon Disulfide	4.03	76	255099	18.424	ug/l	100
18) Methyl Acetate	4.30	43	156805	21.614	ug/l	97
19) Methyl tert-butyl Ether	5.01	73	310153	20.197	ug/l	98
20) Methylene Chloride	4.53	84	106504	20.001	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	95049	19.852	ug/l	96
22) Diisopropyl ether	5.92	45	350965	20.280	ug/l	96
23) Vinyl Acetate	5.87	43	1438749	107.269	ug/l	99
24) 1,1-Dichloroethane	5.82	63	192717	19.938	ug/l	100
25) 2-Butanone	6.81	43	404284	100.360	ug/l	99
26) 2,2-Dichloropropane	6.80	77	160644	19.007	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	110635	19.918	ug/l	99
28) Bromochloromethane	7.17	49	60886	20.937	ug/l	98
29) Tetrahydrofuran	7.19	42	266625	104.167	ug/l	99
30) Chloroform	7.35	83	184622	19.911	ug/l	98
31) Cyclohexane	7.63	56	175751	19.207	ug/l	95
32) 1,1,1-Trichloroethane	7.55	97	157660	20.224	ug/l	99
36) 1,1-Dichloropropene	7.77	75	137068	19.390	ug/l	99
37) Ethyl Acetate	6.90	43	163334	20.770	ug/l	98
38) Carbon Tetrachloride	7.75	117	137427	19.533	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	159269	19.414	ug/l	99
40) Benzene	8.02	78	426312	20.027	ug/l	100
41) Methacrylonitrile	7.15	41	64449m	18.847	ug/l	
42) 1,2-Dichloroethane	8.10	62	146392	20.052	ug/l	100
43) Isopropyl Acetate	8.14	43	247990	19.781	ug/l	99
44) Trichloroethene	8.82	130	103160	19.715	ug/l	98
45) 1,2-Dichloropropane	9.10	63	116338	20.121	ug/l	98
46) Dibromomethane	9.19	93	71432	19.826	ug/l	100
47) Bromodichloromethane	9.39	83	144331	20.061	ug/l	99
48) Methyl methacrylate	9.18	41	109296	19.490	ug/l	99
49) 1,4-Dioxane	9.18	88	36062	361.858	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	789757	111.332	ug/l	99
52) Toluene	10.15	92	253191	19.845	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	159730	19.217	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	176902	19.785	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	103333	20.012	ug/l	99
56) Ethyl methacrylate	10.42	69	153730	19.055	ug/l	100
57) 1,3-Dichloropropane	10.70	76	178137	20.045	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	306328	106.599	ug/l	100
59) 2-Hexanone	10.74	43	577246	106.018	ug/l	99
60) Dibromochloromethane	10.90	129	106133	19.441	ug/l	99
61) 1,2-Dibromoethane	11.00	107	103584	19.817	ug/l	100
64) Tetrachloroethene	10.63	164	90617	19.669	ug/l	98
65) Chlorobenzene	11.43	112	264689	20.040	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	99093	20.000	ug/l	99
67) Ethyl Benzene	11.51	91	473812	20.219	ug/l	99
68) m/p-Xylenes	11.62	106	348810	39.736	ug/l	99
69) o-Xylene	11.95	106	165863	19.552	ug/l	100
70) Styrene	11.96	104	267116	20.021	ug/l	99
71) Bromoform	12.12	173	76763	19.918	ug/l #	99
73) Isopropylbenzene	12.25	105	455836	20.802	ug/l	100
74) N-amyl acetate	12.07	43	187394	20.182	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	157897	21.159	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	150054m	21.879	ug/l	
77) Bromobenzene	12.53	156	109350	19.862	ug/l	98
78) n-propylbenzene	12.59	91	516415	20.582	ug/l	99
79) 2-Chlorotoluene	12.67	91	314427	20.201	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	382203	20.584	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	50470	19.437	ug/l	96
82) 4-Chlorotoluene	12.77	91	318410	20.396	ug/l	100
83) tert-Butylbenzene	12.99	119	325712	20.313	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	374192	20.830	ug/l	100
85) sec-Butylbenzene	13.17	105	424932	20.377	ug/l	100
86) p-Isopropyltoluene	13.29	119	377554	20.504	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	187537	19.893	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	184289	19.538	ug/l	98
89) n-Butylbenzene	13.62	91	318403	19.757	ug/l	100
90) Hexachloroethane	13.88	117	72449	19.594	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	189222	20.404	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31807	21.379	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	98203	19.436	ug/l	98
94) Hexachlorobutadiene	15.01	225	62599	19.576	ug/l	100
95) Naphthalene	15.13	128	267650	19.146	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	99682	19.180	ug/l	99

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

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