

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100319\
 Data File : VN058505.D
 Acq On : 3 Oct 2019 13:31
 Operator : JC/SP
 Sample : VN1003WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 9:30:09 AM

Quant Time: Oct 04 04:06:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	303451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	516190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	471257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	209630	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	173096	39.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.06%	
35) Dibromofluoromethane	7.58	113	121514	38.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.82%	
50) Toluene-d8	10.08	98	459032	37.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.08%	
62) 4-Bromofluorobenzene	12.41	95	161932	36.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	60451	18.168	ug/l	95
3) Chloromethane	2.04	50	69592	19.025	ug/l	100
4) Vinyl Chloride	2.17	62	66706	18.615	ug/l	96
5) Bromomethane	2.55	94	37166	19.526	ug/l	98
6) Chloroethane	2.69	64	39842	18.556	ug/l	95
7) Trichlorofluoromethane	3.00	101	80968	18.724	ug/l	94
8) Diethyl Ether	3.39	74	34350	18.410	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	55140	18.775	ug/l	99
10) Methyl Iodide	3.93	142	52713	16.187	ug/l	99
11) Tert butyl alcohol	4.76	59	48184	97.809	ug/l #	81
12) 1,1-Dichloroethene	3.72	96	50101	17.502	ug/l	98
13) Acrolein	3.59	56	28968	184.879	ug/l	96
14) Allyl chloride	4.30	41	93430	17.935	ug/l	98
15) Acrylonitrile	4.97	53	144810	100.861	ug/l	100
16) Acetone	3.80	43	155313	102.743	ug/l	97
17) Carbon Disulfide	4.03	76	127912	16.951	ug/l	98
18) Methyl Acetate	4.30	43	72542	19.080	ug/l	98
19) Methyl tert-butyl Ether	5.02	73	182412	18.060	ug/l	99
20) Methylene Chloride	4.53	84	65046	18.646	ug/l	96
21) trans-1,2-Dichloroethene	5.02	96	57084	17.933	ug/l	97
22) Diisopropyl ether	5.93	45	204291	18.223	ug/l	95
23) Vinyl Acetate	5.87	43	837027	99.024	ug/l	98
24) 1,1-Dichloroethane	5.83	63	118666	18.809	ug/l	99
25) 2-Butanone	6.81	43	204812	98.683	ug/l	98
26) 2,2-Dichloropropane	6.81	77	94652	18.248	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	68569	18.430	ug/l	98
28) Bromochloromethane	7.18	49	38734	15.359	ug/l	96
29) Tetrahydrofuran	7.19	42	129143	98.038	ug/l	99
30) Chloroform	7.36	83	120153	18.794	ug/l	96
31) Cyclohexane	7.64	56	107599	17.533	ug/l	98
32) 1,1,1-Trichloroethane	7.56	97	97172	18.509	ug/l	99
36) 1,1-Dichloropropene	7.78	75	85840	17.391	ug/l	99
37) Ethyl Acetate	6.91	43	83713	20.004	ug/l	99
38) Carbon Tetrachloride	7.76	117	79339	17.808	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	98541	17.096	ug/l	95
40) Benzene	8.03	78	256648	18.089	ug/l	99
41) Methacrylonitrile	7.16	41	34048m	17.686	ug/l	
42) 1,2-Dichloroethane	8.11	62	101626	18.411	ug/l	100
43) Isopropyl Acetate	8.15	43	137984	17.535	ug/l #	91
44) Trichloroethene	8.82	130	61056	17.428	ug/l	90
45) 1,2-Dichloropropane	9.11	63	70821	18.612	ug/l	99
46) Dibromomethane	9.20	93	45188	18.752	ug/l	96
47) Bromodichloromethane	9.39	83	87671	19.203	ug/l	98
48) Methyl methacrylate	9.19	41	67645	18.878	ug/l	97
49) 1,4-Dioxane	9.19	88	22006	459.298	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	413515	102.301	ug/l	97
52) Toluene	10.15	92	158065	17.700	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	89807	18.072	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	101639	18.426	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	61729	18.984	ug/l	98
56) Ethyl methacrylate	10.43	69	90310	18.303	ug/l	99
57) 1,3-Dichloropropane	10.71	76	109668	18.908	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	182674	92.849	ug/l	100
59) 2-Hexanone	10.75	43	299110	101.625	ug/l	98
60) Dibromochloromethane	10.90	129	58586	17.034	ug/l	99
61) 1,2-Dibromoethane	11.00	107	61279	18.444	ug/l	99
64) Tetrachloroethene	10.63	164	51076	17.059	ug/l	94
65) Chlorobenzene	11.44	112	162669	17.365	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	56221	17.813	ug/l	99
67) Ethyl Benzene	11.51	91	297584	17.539	ug/l	97
68) m/p-Xylenes	11.63	106	213144	33.388	ug/l	95
69) o-Xylene	11.95	106	102280	16.644	ug/l	95
70) Styrene	11.97	104	171889	17.217	ug/l	99
71) Bromoform	12.13	173	34727	16.395	ug/l #	100
73) Isopropylbenzene	12.25	105	277512	17.913	ug/l	100
74) N-amyl acetate	12.08	43	107857	17.500	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	90434	19.741	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	76706m	20.033	ug/l	
77) Bromobenzene	12.53	156	63647	17.521	ug/l	95
78) n-propylbenzene	12.60	91	326344	18.698	ug/l	100
79) 2-Chlorotoluene	12.68	91	194631	18.067	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	235641	18.170	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.31	75	20530	16.285	ug/l	87
82) 4-Chlorotoluene	12.78	91	199045	18.107	ug/l	100
83) tert-Butylbenzene	13.00	119	202556	18.510	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	231405	17.810	ug/l	98
85) sec-Butylbenzene	13.18	105	270950	18.812	ug/l	99
86) p-Isopropyltoluene	13.30	119	236616	18.663	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	114471	17.379	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	111484	17.012	ug/l	97
89) n-Butylbenzene	13.62	91	208346	18.141	ug/l	99
90) Hexachloroethane	13.88	117	36486	19.154	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	114040	18.019	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	14203	17.581	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	60015	17.160	ug/l	99
94) Hexachlorobutadiene	15.02	225	34505	19.196	ug/l	97
95) Naphthalene	15.13	128	155193	15.132	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	58713	16.728	ug/l	98

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

