

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121019\
 Data File : VN059541.D
 Acq On : 10 Dec 2019 12:58
 Operator : JC/SP
 Sample : VN1210WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS01

Manual Integrations
 APPROVED

apatel
 12/11/2019 2:15:53 PM

Quant Time: Dec 11 06:38:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 10 01:09:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	266168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	430569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	394774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	188618	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	189672	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
35) Dibromofluoromethane	7.57	113	133337	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
50) Toluene-d8	10.08	98	509636	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
62) 4-Bromofluorobenzene	12.40	95	185539	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	57718	18.801	ug/l	99
3) Chloromethane	2.04	50	92182	19.836	ug/l	99
4) Vinyl Chloride	2.17	62	89199	19.473	ug/l	100
5) Bromomethane	2.54	94	54216	19.432	ug/l	98
6) Chloroethane	2.68	64	53742	19.648	ug/l	96
7) Trichlorofluoromethane	3.00	101	108208	19.761	ug/l	100
8) Diethyl Ether	3.39	74	33249	17.718	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	53080	18.626	ug/l	100
10) Methyl Iodide	3.93	142	71033	18.409	ug/l	100
11) Tert butyl alcohol	4.76	59	61937	100.640	ug/l	100
12) 1,1-Dichloroethene	3.71	96	51667	18.650	ug/l	96
13) Acrolein	3.58	56	43728	146.010	ug/l	98
14) Allyl chloride	4.30	41	102053	19.150	ug/l	98
15) Acrylonitrile	4.96	53	165826	102.162	ug/l	98
16) Acetone	3.79	43	160020	92.083	ug/l	99
17) Carbon Disulfide	4.03	76	169286	18.946	ug/l	99
18) Methyl Acetate	4.30	43	86111	18.874	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	185812	20.178	ug/l	99
20) Methylene Chloride	4.53	84	63042	19.967	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	58613	19.713	ug/l	94
22) Diisopropyl ether	5.92	45	201090	19.821	ug/l	98
23) Vinyl Acetate	5.87	43	851396	100.605	ug/l	100
24) 1,1-Dichloroethane	5.82	63	113613	19.724	ug/l	98
25) 2-Butanone	6.81	43	227048	97.066	ug/l	98
26) 2,2-Dichloropropane	6.80	77	100913	19.393	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	66566	19.904	ug/l	98
28) Bromochloromethane	7.17	49	45932	22.695	ug/l	96
29) Tetrahydrofuran	7.19	42	156377	96.111	ug/l	99
30) Chloroform	7.35	83	111856	19.676	ug/l	98
31) Cyclohexane	7.63	56	103621	18.486	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	99757	19.781	ug/l	99
36) 1,1-Dichloropropene	7.77	75	85044	19.252	ug/l	99
37) Ethyl Acetate	6.90	43	96653	19.723	ug/l	100
38) Carbon Tetrachloride	7.75	117	87568	20.111	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	97173	19.610	ug/l	97
40) Benzene	8.02	78	251044	19.893	ug/l	100
41) Methacrylonitrile	7.15	41	39440	18.372	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	97204	20.674	ug/l	100
43) Isopropyl Acetate	8.15	43	151948	19.926	ug/l	99
44) Trichloroethene	8.82	130	64304	20.170	ug/l	96
45) 1,2-Dichloropropane	9.11	63	67196	20.100	ug/l	97
46) Dibromomethane	9.20	93	43235	19.569	ug/l	99
47) Bromodichloromethane	9.39	83	88150	20.076	ug/l	99
48) Methyl methacrylate	9.19	41	66307	19.887	ug/l	99
49) 1,4-Dioxane	9.19	88	20027	469.459	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	470943	96.703	ug/l	99
52) Toluene	10.15	92	150445	20.009	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	99251	19.400	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	105541	20.157	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	59888	19.694	ug/l	98
56) Ethyl methacrylate	10.42	69	87462	18.113	ug/l	99
57) 1,3-Dichloropropane	10.70	76	104851	20.188	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	147052	118.040	ug/l	99
59) 2-Hexanone	10.75	43	349536	95.829	ug/l	98
60) Dibromochloromethane	10.90	129	65338	18.673	ug/l	99
61) 1,2-Dibromoethane	11.00	107	62074	19.608	ug/l	100
64) Tetrachloroethene	10.62	164	55975	19.401	ug/l	99
65) Chlorobenzene	11.43	112	160819	19.442	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	60339	19.558	ug/l	99
67) Ethyl Benzene	11.51	91	286998	19.281	ug/l	99
68) m/p-Xylenes	11.62	106	213237	38.188	ug/l	97
69) o-Xylene	11.95	106	100214	19.282	ug/l	95
70) Styrene	11.96	104	158531	18.412	ug/l	96
71) Bromoform	12.13	173	45685	18.820	ug/l #	98
73) Isopropylbenzene	12.25	105	273166	19.307	ug/l	99
74) N-amyl acetate	12.07	43	121487	19.712	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	91438	19.073	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	93137m	19.309	ug/l	
77) Bromobenzene	12.53	156	66072	18.758	ug/l	94
78) n-propylbenzene	12.59	91	331924	19.091	ug/l	99
79) 2-Chlorotoluene	12.67	91	195577	18.865	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	233124	19.215	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	32196	17.959	ug/l #	86
82) 4-Chlorotoluene	12.77	91	203511	19.198	ug/l	99
83) tert-Butylbenzene	12.99	119	196339	19.406	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	234083	19.540	ug/l	99
85) sec-Butylbenzene	13.17	105	270000	19.429	ug/l	99
86) p-Isopropyltoluene	13.29	119	244939	19.721	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	121612	18.745	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	121095	19.063	ug/l	98
89) n-Butylbenzene	13.62	91	224367	19.238	ug/l	98
90) Hexachloroethane	13.88	117	46065	20.195	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	119280	19.592	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21440	20.772	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	73643	17.488	ug/l	99
94) Hexachlorobutadiene	15.01	225	40932	19.026	ug/l	98
95) Naphthalene	15.13	128	208535	16.941	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	72847	19.314	ug/l	99

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

