

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121619\
 Data File : VN059603.D
 Acq On : 16 Dec 2019 15:33
 Operator : JC/SP
 Sample : VN1216WBSD03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBSD03

Manual Integrations
 APPROVED

apatel
 12/17/2019 12:51:22 PM

Quant Time: Dec 17 05:50:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	248487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	409705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	378750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	175180	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	197400	54.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.18%	
35) Dibromofluoromethane	7.57	113	136854	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
50) Toluene-d8	10.08	98	509775	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	12.40	95	184362	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	57108	17.785	ug/l	97
3) Chloromethane	2.04	50	95447	18.732	ug/l	100
4) Vinyl Chloride	2.17	62	85104	17.612	ug/l	100
5) Bromomethane	2.54	94	52222	18.591	ug/l	99
6) Chloroethane	2.68	64	51823	19.083	ug/l	100
7) Trichlorofluoromethane	3.00	101	100910	19.034	ug/l	97
8) Diethyl Ether	3.38	74	34773	20.992	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	49421	18.498	ug/l	99
10) Methyl Iodide	3.92	142	68252	19.297	ug/l	99
11) Tert butyl alcohol	4.75	59	60982	91.992	ug/l	98
12) 1,1-Dichloroethene	3.71	96	46682	17.911	ug/l	96
13) Acrolein	3.58	56	47825	101.280	ug/l	99
14) Allyl chloride	4.29	41	97054	18.140	ug/l	99
15) Acrylonitrile	4.95	53	156556	97.635	ug/l	98
16) Acetone	3.79	43	178897	83.333	ug/l	99
17) Carbon Disulfide	4.02	76	149164	17.222	ug/l	99
18) Methyl Acetate	4.29	43	84912	18.876	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	190370	20.687	ug/l	99
20) Methylene Chloride	4.52	84	63706	20.547	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	54120	18.627	ug/l	97
22) Diisopropyl ether	5.92	45	204468	20.729	ug/l	97
23) Vinyl Acetate	5.86	43	883667	114.156	ug/l	99
24) 1,1-Dichloroethane	5.81	63	111893	20.026	ug/l	99
25) 2-Butanone	6.80	43	234719	91.433	ug/l	99
26) 2,2-Dichloropropane	6.80	77	96872	19.076	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	64394	20.001	ug/l	99
28) Bromochloromethane	7.17	49	86059	36.779	ug/l	97
29) Tetrahydrofuran	7.18	42	151236	96.692	ug/l	99
30) Chloroform	7.35	83	110026	20.005	ug/l	99
31) Cyclohexane	7.63	56	96574	18.292	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	93117	18.779	ug/l	99
36) 1,1-Dichloropropene	7.77	75	79376	18.578	ug/l	98
37) Ethyl Acetate	6.90	43	96297	19.392	ug/l	99
38) Carbon Tetrachloride	7.75	117	81553	18.394	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	88421	18.245	ug/l	98
40) Benzene	8.02	78	240102	19.229	ug/l	99
41) Methacrylonitrile	7.15	41	34578m	16.872	ug/l	
42) 1,2-Dichloroethane	8.10	62	97160	20.319	ug/l	99
43) Isopropyl Acetate	8.14	43	151452	19.616	ug/l	100
44) Trichloroethene	8.82	130	61424	18.781	ug/l	98
45) 1,2-Dichloropropane	9.10	63	67134	19.911	ug/l	99
46) Dibromomethane	9.19	93	43724	19.794	ug/l	99
47) Bromodichloromethane	9.39	83	88925	20.191	ug/l	98
48) Methyl methacrylate	9.18	41	65374	18.663	ug/l	100
49) 1,4-Dioxane	9.18	88	19487	388.202	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	458493	99.602	ug/l	100
52) Toluene	10.14	92	144759	18.869	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	101143	19.857	ug/l	97
54) cis-1,3-Dichloropropene	9.82	75	105791	19.759	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	60748	20.179	ug/l	99
56) Ethyl methacrylate	10.42	69	89084	19.933	ug/l	98
57) 1,3-Dichloropropane	10.70	76	107052	20.423	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	180418	126.930	ug/l	99
59) 2-Hexanone	10.74	43	342715	94.465	ug/l	100
60) Dibromochloromethane	10.90	129	65757	20.013	ug/l	100
61) 1,2-Dibromoethane	11.00	107	63636	19.931	ug/l	98
64) Tetrachloroethene	10.62	164	56068	15.880	ug/l	98
65) Chlorobenzene	11.43	112	156293	19.071	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.50	131	59850	19.227	ug/l	99
67) Ethyl Benzene	11.51	91	274973	18.588	ug/l	99
68) m/p-Xylenes	11.62	106	200899	36.778	ug/l	100
69) o-Xylene	11.94	106	96236	18.516	ug/l	98
70) Styrene	11.96	104	155367	18.605	ug/l	99
71) Bromoform	12.12	173	45711	19.535	ug/l #	98
73) Isopropylbenzene	12.25	105	256127	18.625	ug/l	100
74) N-amyl acetate	12.07	43	120212	19.057	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	86020	19.719	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	90635m	20.900	ug/l	
77) Bromobenzene	12.52	156	64072	18.946	ug/l	99
78) n-propylbenzene	12.59	91	301669	18.558	ug/l	99
79) 2-Chlorotoluene	12.67	91	184152	18.735	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	221075	18.997	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	33032	18.813	ug/l	98
82) 4-Chlorotoluene	12.77	91	189197	18.799	ug/l	98
83) tert-Butylbenzene	12.99	119	182728	18.541	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	222088	19.192	ug/l	100
85) sec-Butylbenzene	13.17	105	242162	18.472	ug/l	99
86) p-Isopropyltoluene	13.29	119	221276	18.636	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	115650	18.597	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	114937	18.332	ug/l	99
89) n-Butylbenzene	13.61	91	196208	17.626	ug/l	100
90) Hexachloroethane	13.87	117	41775	18.614	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	114572	18.682	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	19592	17.159	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	69429	17.531	ug/l	99
94) Hexachlorobutadiene	15.01	225	35208	17.451	ug/l	99
95) Naphthalene	15.12	128	209740	17.741	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	70179	17.521	ug/l	100

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

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