

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121219\
 Data File : VN059571.D
 Acq On : 12 Dec 2019 13:53
 Operator : JC/SP
 Sample : VN1212WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBS01

Manual Integrations
 APPROVED

apatel
 12/13/2019 2:17:05 PM

Quant Time: Dec 13 08:39:21 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	7.64	168	268559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	423417	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	386309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	180812	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	166346	44.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.64%	
35) Dibromofluoromethane	7.57	113	116577	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	
50) Toluene-d8	10.08	98	450964	43.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.44%	
62) 4-Bromofluorobenzene	12.40	95	159965	41.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	50321	16.245	ug/l	99
3) Chloromethane	2.04	50	83559	17.820	ug/l	99
4) Vinyl Chloride	2.17	62	83741	18.119	ug/l	98
5) Bromomethane	2.55	94	50488	17.935	ug/l	100
6) Chloroethane	2.68	64	46796	16.956	ug/l	99
7) Trichlorofluoromethane	3.00	101	100428	18.177	ug/l	100
8) Diethyl Ether	3.38	74	28541	15.074	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	48531	16.879	ug/l	99
10) Methyl Iodide	3.92	142	59754	15.348	ug/l	100
11) Tert butyl alcohol	4.75	59	52055	83.830	ug/l	98
12) 1,1-Dichloroethene	3.71	96	44033	15.753	ug/l	97
13) Acrolein	3.58	56	36710	121.485	ug/l	99
14) Allyl chloride	4.29	41	88260	16.414	ug/l	97
15) Acrylonitrile	4.95	53	136045	83.068	ug/l	100
16) Acetone	3.79	43	143454	81.815	ug/l	99
17) Carbon Disulfide	4.02	76	142135	15.677	ug/l	99
18) Methyl Acetate	4.29	43	74327	16.146	ug/l	97
19) Methyl tert-butyl Ether	5.01	73	160085	17.229	ug/l	99
20) Methylene Chloride	4.52	84	56009	17.548	ug/l	95
21) trans-1,2-Dichloroethene	5.01	96	50243	16.747	ug/l	97
22) Diisopropyl ether	5.92	45	177722	17.362	ug/l	97
23) Vinyl Acetate	5.86	43	727826	85.237	ug/l	100
24) 1,1-Dichloroethane	5.81	63	101216	17.416	ug/l	100
25) 2-Butanone	6.81	43	198668	84.177	ug/l	100
26) 2,2-Dichloropropane	6.79	77	91866	17.497	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	57458	17.028	ug/l	100
28) Bromochloromethane	7.17	49	45046	22.146	ug/l	97
29) Tetrahydrofuran	7.18	42	128795	78.454	ug/l	100
30) Chloroform	7.35	83	98464	17.166	ug/l	99
31) Cyclohexane	7.63	56	92847	16.416	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	87079	17.113	ug/l	100
36) 1,1-Dichloropropene	7.77	75	75347	17.345	ug/l	99
37) Ethyl Acetate	6.90	43	83003	17.419	ug/l	99
38) Carbon Tetrachloride	7.75	117	77447	18.087	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	84521	17.345	ug/l	98
40) Benzene	8.02	78	215853	17.394	ug/l	98
41) Methacrylonitrile	7.14	41	31834	15.079	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	85964	18.592	ug/l	99
43) Isopropyl Acetate	8.14	43	129017	17.205	ug/l	99
44) Trichloroethene	8.82	130	56914	18.153	ug/l	96
45) 1,2-Dichloropropane	9.10	63	58549	17.810	ug/l	99
46) Dibromomethane	9.19	93	38010	17.495	ug/l	98
47) Bromodichloromethane	9.39	83	77338	17.911	ug/l	99
48) Methyl methacrylate	9.18	41	56059	17.097	ug/l	100
49) 1,4-Dioxane	9.19	88	17433	415.555	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	388298	80.948	ug/l	99
52) Toluene	10.14	92	131923	17.842	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	86809	17.255	ug/l	96
54) cis-1,3-Dichloropropene	9.83	75	94197	18.294	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	52947	17.705	ug/l	97
56) Ethyl methacrylate	10.42	69	72846	15.666	ug/l	99
57) 1,3-Dichloropropane	10.70	76	90048	17.631	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	141716	115.678	ug/l	99
59) 2-Hexanone	10.74	43	285733	80.033	ug/l	100
60) Dibromochloromethane	10.90	129	56613	16.577	ug/l	99
61) 1,2-Dibromoethane	11.00	107	54649	17.554	ug/l	97
64) Tetrachloroethene	10.62	164	54163	19.184	ug/l	98
65) Chlorobenzene	11.43	112	140754	17.389	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	52583	17.418	ug/l	99
67) Ethyl Benzene	11.51	91	249755	17.147	ug/l	99
68) m/p-Xylenes	11.62	106	184833	33.827	ug/l	98
69) o-Xylene	11.94	106	86597	17.027	ug/l	96
70) Styrene	11.96	104	139981	16.614	ug/l	97
71) Bromoform	12.12	173	37897	15.954	ug/l #	98
73) Isopropylbenzene	12.25	105	234393	17.282	ug/l	100
74) N-amyl acetate	12.07	43	100808	17.063	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	75174	16.357	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	73351m	15.864	ug/l	
77) Bromobenzene	12.52	156	57023	16.888	ug/l	95
78) n-propylbenzene	12.59	91	281993	16.920	ug/l	99
79) 2-Chlorotoluene	12.67	91	166773	16.781	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	202444	17.406	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.30	75	27257	15.860	ug/l #	86
82) 4-Chlorotoluene	12.77	91	171762	16.903	ug/l	99
83) tert-Butylbenzene	12.99	119	165635	17.078	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	198734	17.305	ug/l	98
85) sec-Butylbenzene	13.17	105	229368	17.218	ug/l	99
86) p-Isopropyltoluene	13.29	119	203378	17.081	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	102766	16.524	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	103397	16.979	ug/l	99
89) n-Butylbenzene	13.62	91	190978	17.082	ug/l	98
90) Hexachloroethane	13.87	117	39008	17.839	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	98613	16.896	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	17297	17.811	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	61989	15.356	ug/l	99
94) Hexachlorobutadiene	15.01	225	33741	16.361	ug/l	98
95) Naphthalene	15.12	128	174734	14.808	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	62695	17.587	ug/l	99

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

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