

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112619\
 Data File : VN059407.D
 Acq On : 26 Nov 2019 15:30
 Operator : JC/SP
 Sample : VN1126WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBSD01

Manual Integrations
 APPROVED

apatel
 11/27/2019 10:51:00 AM

Quant Time: Nov 27 01:12:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	317227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	493916	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	436751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	197702	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	178580	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
35) Dibromofluoromethane	7.57	113	145225	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	10.08	98	564278	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
62) 4-Bromofluorobenzene	12.40	95	195629	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	75220	18.522	ug/l	99
3) Chloromethane	2.04	50	89734	18.036	ug/l	99
4) Vinyl Chloride	2.17	62	98962	19.320	ug/l	100
5) Bromomethane	2.54	94	55460	19.502	ug/l	100
6) Chloroethane	2.68	64	50293	17.990	ug/l	98
7) Trichlorofluoromethane	3.00	101	104067	18.866	ug/l	96
8) Diethyl Ether	3.39	74	45740	20.283	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	67656	20.058	ug/l	99
10) Methyl Iodide	3.93	142	83467	19.911	ug/l	98
11) Tert butyl alcohol	4.75	59	73458	96.395	ug/l	99
12) 1,1-Dichloroethene	3.72	96	65836	19.229	ug/l	96
13) Acrolein	3.58	56	58324	83.842	ug/l	100
14) Allyl chloride	4.30	41	122102	19.090	ug/l	99
15) Acrylonitrile	4.96	53	201772	100.141	ug/l	99
16) Acetone	3.79	43	209446	122.725	ug/l	97
17) Carbon Disulfide	4.03	76	194551	18.221	ug/l	100
18) Methyl Acetate	4.30	43	118661	20.951	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	224018	20.258	ug/l	98
20) Methylene Chloride	4.53	84	73602	19.122	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	70357	19.390	ug/l	99
22) Diisopropyl ether	5.92	45	238647	19.817	ug/l	96
23) Vinyl Acetate	5.87	43	933001	98.523	ug/l	100
24) 1,1-Dichloroethane	5.82	63	135583	20.002	ug/l	99
25) 2-Butanone	6.81	43	279109	105.173	ug/l	96
26) 2,2-Dichloropropane	6.80	77	115622	19.699	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	81006	19.787	ug/l	98
28) Bromochloromethane	7.17	49	52283	20.397	ug/l	97
29) Tetrahydrofuran	7.19	42	177936	96.968	ug/l	99
30) Chloroform	7.35	83	130400	19.741	ug/l	98
31) Cyclohexane	7.63	56	126341	18.851	ug/l	95
32) 1,1,1-Trichloroethane	7.55	97	111563	19.740	ug/l	99
36) 1,1-Dichloropropene	7.77	75	99431	19.500	ug/l	98
37) Ethyl Acetate	6.90	43	108866	19.866	ug/l	98
38) Carbon Tetrachloride	7.75	117	98573	20.194	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	118585	19.287	ug/l	99
40) Benzene	8.02	78	304252	20.330	ug/l	99
41) Methacrylonitrile	7.16	41	45442m	18.680	ug/l	
42) 1,2-Dichloroethane	8.11	62	97073	19.613	ug/l	99
43) Isopropyl Acetate	8.15	43	165663	19.781	ug/l	98
44) Trichloroethene	8.82	130	75902	20.012	ug/l	99
45) 1,2-Dichloropropane	9.10	63	80677	20.217	ug/l	100
46) Dibromomethane	9.20	93	49027	20.029	ug/l	99
47) Bromodichloromethane	9.39	83	99590	20.315	ug/l	98
48) Methyl methacrylate	9.19	41	72302	18.985	ug/l	98
49) 1,4-Dioxane	9.19	88	21850	381.737	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	517464	105.561	ug/l	100
52) Toluene	10.15	92	182662	20.299	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	113739	19.959	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	125926	20.364	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	72898	20.836	ug/l	97
56) Ethyl methacrylate	10.42	69	105045	19.190	ug/l	99
57) 1,3-Dichloropropane	10.70	76	125004	20.499	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	167955	93.165	ug/l	98
59) 2-Hexanone	10.75	43	379505	105.727	ug/l	99
60) Dibromochloromethane	10.90	129	75829	20.568	ug/l	99
61) 1,2-Dibromoethane	11.00	107	73500	20.190	ug/l	99
64) Tetrachloroethene	10.63	164	68772	20.360	ug/l	97
65) Chlorobenzene	11.43	112	190284	20.262	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	71049	20.825	ug/l	99
67) Ethyl Benzene	11.51	91	338556	20.191	ug/l	99
68) m/p-Xylenes	11.62	106	250856	40.262	ug/l	100
69) o-Xylene	11.95	106	119952	20.110	ug/l	99
70) Styrene	11.96	104	187229	19.893	ug/l	99
71) Bromoform	12.13	173	53309	20.632	ug/l #	100
73) Isopropylbenzene	12.25	105	327020	20.192	ug/l	100
74) N-amyl acetate	12.07	43	121229	18.625	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	107127	19.996	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	99336m	21.749	ug/l	
77) Bromobenzene	12.53	156	78464	19.974	ug/l	97
78) n-propylbenzene	12.59	91	369678	20.151	ug/l	100
79) 2-Chlorotoluene	12.67	91	222885	19.794	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	273259	20.071	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	36990	20.256	ug/l	99
82) 4-Chlorotoluene	12.77	91	221893	19.043	ug/l	98
83) tert-Butylbenzene	12.99	119	236570	20.574	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	264049	19.799	ug/l	100
85) sec-Butylbenzene	13.17	105	307718	19.911	ug/l	99
86) p-Isopropyltoluene	13.29	119	271112	19.714	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	134549	19.233	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	132649	19.165	ug/l	99
89) n-Butylbenzene	13.62	91	225818	18.719	ug/l	99
90) Hexachloroethane	13.88	117	50823	19.514	ug/l	95
91) 1,2-Dichlorobenzene	13.66	146	131191	19.383	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21594	18.958	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	71141	18.845	ug/l	99
94) Hexachlorobutadiene	15.01	225	48257	19.790	ug/l	99
95) Naphthalene	15.13	128	181495	17.752	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	73802	19.084	ug/l	100

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

