Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103019\
Data File : VN059021.D
Acq On : 30 Oct 2019 11:38
Operator : JC/SP
Sample : VN1030WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01

Manual Integrations APPROVED
MMDadoda
10/31/2019 3:37:24 PM

Quant Time: Oct 31 05:02:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	378106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	605152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	560599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	260160	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	260775	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.04%			
35) Dibromofluoromethane	7.57	113	198624	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.84%			
50) Toluene-d8	10.08	98	741215	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.98%			
62) 4-Bromofluorobenzene	12.40	95	272077	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.94%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	84539	17.933	ug/l	97
3) Chloromethane	2.04	50	109405	18.738	ug/l	100
4) Vinyl Chloride	2.17	62	111916	19.305	ug/l	98
5) Bromomethane	2.54	94	65623	18.077	ug/l	98
6) Chloroethane	2.69	64	69926	18.809	ug/l	100
7) Trichlorofluoromethane	3.00	101	137871	19.221	ug/l	100
8) Diethyl Ether	3.39	74	54636	22.041	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	82668	20.789	ug/l	98
10) Methyl Iodide	3.93	142	96915	18.530	ug/l	99
11) Tert butyl alcohol	4.75	59	104337	113.378	ug/l	98
12) 1,1-Dichloroethene	3.72	96	77314	20.742	ug/l	94
13) Acrolein	3.58	56	36519	57.755	ug/l	95
14) Allyl chloride	4.30	41	156358	20.730	ug/l	96
15) Acrylonitrile	4.96	53	266806	115.260	ug/l	99
16) Acetone	3.79	43	280494	102.360	ug/l	100
17) Carbon Disulfide	4.03	76	211184	17.588	ug/l	99
18) Methyl Acetate	4.30	43	146894	23.578	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	283689	21.736	ug/l	97
20) Methylene Chloride	4.53	84	95770	20.468	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	82865	20.130	ug/l	96
22) Diisopropyl ether	5.93	45	326465	22.129	ug/l	98
23) Vinyl Acetate	5.87	43	1334856	112.618	ug/l	99
24) 1,1-Dichloroethane	5.82	63	176476	20.630	ug/l	100
25) 2-Butanone	6.81	43	383699	107.867	ug/l	99
26) 2,2-Dichloropropane	6.80	77	153190	20.703	ug/l	98
27) cis-1,2-Dichloroethene	6.81	96	98592	20.966	ug/l	99
28) Bromochloromethane	7.17	49	59344	20.830	ug/l	96
29) Tetrahydrofuran	7.19	42	239989	110.287	ug/l	99
30) Chloroform	7.35	83	171197	19.951	ug/l	99
31) Cyclohexane	7.63	56	151650	19.029	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	146733	20.287	ug/l	99
36) 1,1-Dichloropropene	7.77	75	124400	20.079	ug/l	100
37) Ethyl Acetate	6.91	43	150430	22.284	ug/l	99
38) Carbon Tetrachloride	7.76	117	127349	19.953	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.07	83	134978	19.403 ug/l		97
40) Benzene	8.02	78	377631	20.757 ug/l		98
41) Methacrylonitrile	7.16	41	66762m	22.205 ug/l		
42) 1,2-Dichloroethane	8.11	62	140054	19.984 ug/l		99
43) Isopropyl Acetate	8.15	43	233902	21.604 ug/l		99
44) Trichloroethene	8.82	130	92477	20.867 ug/l		98
45) 1,2-Dichloropropane	9.10	63	106018	21.251 ug/l		98
46) Dibromomethane	9.19	93	65687	20.828 ug/l		98
47) Bromodichloromethane	9.39	83	137249	21.115 ug/l		100
48) Methyl methacrylate	9.19	41	103408	21.052 ug/l		97
49) 1,4-Dioxane	9.19	88	35323	438.057 ug/l		98
51) 4-Methyl-2-Pentanone	9.98	43	748044	118.290 ug/l		99
52) Toluene	10.15	92	229081	21.233 ug/l		100
53) t-1,3-Dichloropropene	10.38	75	152230	21.155 ug/l		98
54) cis-1,3-Dichloropropene	9.83	75	162641	21.156 ug/l		95
55) 1,1,2-Trichloroethane	10.56	97	94459	21.253 ug/l		99
56) Ethyl methacrylate	10.43	69	140501	20.128 ug/l		97
57) 1,3-Dichloropropane	10.70	76	166820	21.386 ug/l		99
58) 2-Chloroethyl Vinyl ether	9.69	63	301404	99.104 ug/l		99
59) 2-Hexanone	10.75	43	564671	115.555 ug/l		100
60) Dibromochloromethane	10.90	129	101228	21.161 ug/l		100
61) 1,2-Dibromoethane	11.00	107	95300	20.953 ug/l		99
64) Tetrachloroethene	10.63	164	78931	20.104 ug/l		98
65) Chlorobenzene	11.43	112	240475	21.070 ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.51	131	94389	21.916 ug/l		98
67) Ethyl Benzene	11.51	91	434993	21.727 ug/l		98
68) m/p-Xylenes	11.62	106	319754	43.066 ug/l		99
69) o-Xylene	11.95	106	152411	21.523 ug/l		99
70) Styrene	11.97	104	249517	20.149 ug/l		98
71) Bromoform	12.13	173	72454	21.695 ug/l	#	98
73) Isopropylbenzene	12.25	105	417486	21.958 ug/l		99
74) N-amyl acetate	12.07	43	189177	21.947 ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.51	83	149478	22.359 ug/l		99
76) 1,2,3-Trichloropropane	12.56	75	142289m	23.599 ug/l		
77) Bromobenzene	12.53	156	101571	21.674 ug/l		98
78) n-propylbenzene	12.59	91	484696	21.567 ug/l		100
79) 2-Chlorotoluene	12.68	91	293189	21.315 ug/l		99
80) 1,3,5-Trimethylbenzene	12.74	105	349745	21.894 ug/l		99
81) trans-1,4-Dichloro-2-buten	12.30	75	50689	21.900 ug/l		98
82) 4-Chlorotoluene	12.78	91	295726	21.038 ug/l		99
83) tert-Butylbenzene	13.00	119	300129	21.971 ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	348437	22.114 ug/l		98
85) sec-Butylbenzene	13.18	105	400324	21.981 ug/l		98
86) p-Isopropyltoluene	13.29	119	358141	22.287 ug/l		99
87) 1,3-Dichlorobenzene	13.29	146	180199	21.505 ug/l		98
88) 1,4-Dichlorobenzene	13.37	146	174756	20.830 ug/l		98
89) n-Butylbenzene	13.62	91	307835	20.853 ug/l		99
90) Hexachloroethane	13.88	117	70930	21.783 ug/l		99
91) 1,2-Dichlorobenzene	13.66	146	177745	21.582 ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31061	20.542 ug/l		96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	95747	20.057	ug/l	97
94) Hexachlorobutadiene	15.01	225	56516	21.172	ug/l	98
95) Naphthalene	15.13	128	260857	18.951	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	95932	20.490	ug/l	98

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

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