Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
Data File : BM022737.D
Acq On : 20 Sep 2019 22:08
Operator : HP/JU
Sample : K3591-07
Misc : LOD-MDL-W-8PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
mohammad
9/24/2019 8:35:01 AM

Quant Time: Sep 21 02:32:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 21 02:22:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	203474	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	824163	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	480248	20.00	ng		0.00
64) Phenanthrene-d10	17.19	188	937504	20.00	ng		0.00
76) Chrysene-d12	21.37	240	873612	20.00	ng		-0.01
87) Perylene-d12	23.64	264	888312	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1211880	94.46	ng		0.00
7) Phenol-d6	6.99	99	1562277	94.81	ng		0.00
23) Nitrobenzene-d5	8.97	82	1148288	77.34	ng		0.00
42) 2,4,6-Tribromophenol	15.94	330	568170	94.77	ng		0.00
45) 2-Fluorobiphenyl	13.08	172	2691569	77.18	ng		0.00
79) Terphenyl-d14	19.82	244	3633971	80.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	43263	8.380	ng	#	100
3) Pyridine	3.73	79	93809	6.894	ng		95
4) n-Nitrosodimethylamine	3.63	42	37757	7.622	ng	#	91
6) Aniline	7.15	93	153130	7.750	ng		99
8) 2-Chlorophenol	7.39	128	105866	8.099	ng		98
9) Benzaldehyde	6.96	77	91094	9.709	ng		99
10) Phenol	7.01	94	125657	8.100	ng		95
11) bis(2-Chloroethyl)ether	7.25	93	97016	7.960	ng		99
12) 1,3-Dichlorobenzene	7.72	146	119510	7.650	ng		99
13) 1,4-Dichlorobenzene	7.86	146	121154	7.660	ng		99
14) 1,2-Dichlorobenzene	8.17	146	115380	7.652	ng		99
15) Benzyl Alcohol	8.06	79	78457	7.609	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.36	45	142389	8.042	ng		99
17) 2-Methylphenol	8.26	107	76902	7.489	ng		99
18) Hexachloroethane	8.90	117	43792	7.549	ng		94
19) n-Nitroso-di-n-propylamine	8.63	70	73846	8.025	ng		99
20) 3+4-Methylphenols	8.59	107	102653	7.506	ng		100
22) Acetophenone	8.65	105	153590	7.550	ng	#	99
24) Nitrobenzene	9.02	77	118163	8.318	ng		98
25) Isophorone	9.55	82	185223	7.587	ng		99
26) 2-Nitrophenol	9.73	139	38116	6.215	ng		96
27) 2,4-Dimethylphenol	9.79	122	76777	7.478	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	127950	7.574	ng		99
29) 2,4-Dichlorophenol	10.26	162	82132	7.076	ng		99
30) 1,2,4-Trichlorobenzene	10.48	180	106221	7.438	ng		98
31) Naphthalene	10.66	128	324287	7.963	ng		99
32) Benzoic acid	9.86	122	28307m	4.284	ng		
33) 4-Chloroaniline	10.77	127	131593	7.443	ng		98
34) Hexachlorobutadiene	10.96	225	60769	7.138	ng		99
35) Caprolactam	11.55	113	20806m	6.046	ng		
36) 4-Chloro-3-methylphenol	11.89	107	81627	7.208	ng		99
37) 2-Methylnaphthalene	12.28	142	224037	7.904	ng		99
38) 1-Methylnaphthalene	12.50	142	211165	7.848	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	111553	6.855	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	61907	6.973	ng		98
43) 2,4,6-Trichlorophenol	12.89	196	60210	6.411	ng		99
44) 2,4,5-Trichlorophenol	12.96	196	68280	6.976	ng		100
46) 1,1'-Biphenyl	13.29	154	287671	7.238	ng		99
47) 2-Chloronaphthalene	13.33	162	222925	7.525	ng		99
48) 2-Nitroaniline	13.53	65	47166	6.114	ng		94
49) Acenaphthylene	14.17	152	328185	7.481	ng		100
50) Dimethylphthalate	13.91	163	257452	7.418	ng		99
51) 2,6-Dinitrotoluene	14.02	165	49368	6.800	ng		91
52) Acenaphthene	14.52	154	215333	7.503	ng		99
53) 3-Nitroaniline	14.35	138	50044	5.988	ng	#	97
54) 2,4-Dinitrophenol	14.56	184	15986	4.664	ng		96
55) Dibenzofuran	14.86	168	334647	7.987	ng		99
56) 4-Nitrophenol	14.65	139	38024	5.919	ng		94
57) 2,4-Dinitrotoluene	14.81	165	57473	6.043	ng		91
58) Fluorene	15.50	166	261634	7.684	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	55621	6.516	ng		98
60) Diethylphthalate	15.27	149	242292	7.180	ng		98
61) 4-Chlorophenyl-phenylether	15.50	204	131722	7.529	ng		97
62) 4-Nitroaniline	15.51	138	52479	5.989	ng		96
63) Azobenzene	15.79	77	228579	7.501	ng		96
65) 4,6-Dinitro-2-methylphenol	15.57	198	24369	5.550	ng		95
66) n-Nitrosodiphenylamine	15.71	169	218624	7.633	ng		100
67) 4-Bromophenyl-phenylether	16.39	248	73313	7.031	ng		97
68) Hexachlorobenzene	16.51	284	87388	7.186	ng		99
69) Atrazine	16.66	200	61006	6.552	ng		99
70) Pentachlorophenol	16.84	266	36764	5.669	ng		99
71) Phenanthrene	17.23	178	409123	7.734	ng		99
72) Anthracene	17.33	178	379368	7.400	ng		99
73) Carbazole	17.59	167	348185	7.298	ng		99
74) Di-n-butylphthalate	18.16	149	336869	6.227	ng		100
75) Fluoranthene	19.25	202	422643	7.080	ng		98
77) Benzidine	19.43	184	156919	6.548	ng		99
78) Pyrene	19.61	202	444671	7.767	ng		100
80) Butylbenzylphthalate	20.51	149	126078	5.794	ng		93
81) Benzo(a)anthracene	21.36	228	418310	7.388	ng		99
82) 3,3'-Dichlorobenzidine	21.29	252	133382	6.643	ng		98
83) Chrysene	21.40	228	419839	7.648	ng		99
84) Bis(2-ethylhexyl)phthalate	21.29	149	187975	5.831	ng		99
85) Di-n-octyl phthalate	22.18	149	277935	5.409	ng		97
86) Indeno(1,2,3-cd)pyrene	25.94	276	440902	6.730	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	404433	7.519	ng		99
89) Benzo(k)fluoranthene	23.00	252	396749	7.434	ng		99
90) Benzo(a)pyrene	23.54	252	368671	7.439	ng		99
91) Dibenzo(a,h)anthracene	25.96	278	373362	7.202	ng		99
92) Benzo(g,h,i)perylene	26.65	276	359140	7.294	ng		99

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

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