Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041619\
Data File : BM019929.D
Acq On : 16 Apr 2019 12:22
Operator : JU/SJ
Sample : K1560-09
Misc : MDL 8PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Manual Integrations APPROVED
Sohil
4/17/2019 4:05:12 PM

Quant Time: Apr 16 17:12:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 16:16:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	122669	20.00	ng		0.00
21) Naphthalene-d8	10.30	136	535101	20.00	ng		0.00
39) Acenaphthene-d10	14.19	164	323891	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	715680	20.00	ng		0.00
76) Chrysene-d12	21.17	240	693784	20.00	ng		0.00
87) Perylene-d12	23.37	264	652769	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	1019313	134.67	ng		0.00
7) Phenol-d6	6.72	99	1472360	129.25	ng		0.00
23) Nitrobenzene-d5	8.70	82	1089713	91.07	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	752331	144.30	ng		0.00
45) 2-Fluorobiphenyl	12.80	172	2414035	92.88	ng		0.00
79) Terphenyl-d14	19.61	244	3933934	100.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	25696	7.867	ng		99
3) Pyridine	3.56	79	58275	6.371	ng		93
4) n-Nitrosodimethylamine	3.48	42	19984	6.782	ng	#	87
6) Aniline	6.88	93	101409	6.892	ng		99
8) 2-Chlorophenol	7.10	128	67883	7.211	ng		99
9) Benzaldehyde	6.71	77	65732	7.657	ng		96
10) Phenol	6.75	94	90770	7.293	ng		92
11) bis(2-Chloroethyl)ether	6.98	93	63686	6.994	ng		97
12) 1,3-Dichlorobenzene	7.42	146	73157	7.402	ng		96
13) 1,4-Dichlorobenzene	7.56	146	75295	7.509	ng		98
14) 1,2-Dichlorobenzene	7.87	146	72776	7.320	ng		98
15) Benzyl Alcohol	7.80	79	82695m	7.985	ng		
16) 2,2'-oxybis(1-Chloropropan	8.06	45	63182	7.278	ng		99
17) 2-Methylphenol	7.99	107	56466	6.855	ng		94
18) Hexachloroethane	8.57	117	27890	7.155	ng		95
19) n-Nitroso-di-n-propylamine	8.35	70	66669	6.658	ng		99
20) 3+4-Methylphenols	8.33	107	67922	6.003	ng		99
22) Acetophenone	8.37	105	107095	7.348	ng	#	97
24) Nitrobenzene	8.75	77	102778	8.292	ng		98
25) Isophorone	9.26	82	166690	7.157	ng		98
26) 2-Nitrophenol	9.46	139	34324	6.498	ng		98
27) 2,4-Dimethylphenol	9.52	122	50443	6.754	ng		95
28) bis(2-Chloroethoxy)methane	9.75	93	91138	6.988	ng		98
29) 2,4-Dichlorophenol	10.01	162	57694m	6.802	ng		
30) 1,2,4-Trichlorobenzene	10.17	180	68663	7.521	ng		96
31) Naphthalene	10.36	128	221832	7.729	ng		98
32) Benzoic acid	9.67	122	33050m	9.275	ng		
33) 4-Chloroaniline	10.52	127	77947	6.592	ng		99
34) Hexachlorobutadiene	10.61	225	42147	7.828	ng		99
35) Caprolactam	11.34	113	19889m	6.195	ng		
36) 4-Chloro-3-methylphenol	11.64	107	72924	6.919	ng		98
37) 2-Methylnaphthalene	11.99	142	157771	7.550	ng		97
38) 1-Methylnaphthalene	12.20	142	158347	7.675	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	75742	7.580	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.31	237	4860	12.837	ng	96
43) 2,4,6-Trichlorophenol	12.63	196	47881	7.068	ng	94
44) 2,4,5-Trichlorophenol	12.72	196	43510	6.171	ng	94
46) 1,1'-Biphenyl	13.02	154	215543	7.683	ng	99
47) 2-Chloronaphthalene	13.06	162	161591	7.552	ng	99
48) 2-Nitroaniline	13.32	65	50184	6.506	ng	95
49) Acenaphthylene	13.92	152	275666	7.404	ng	99
50) Dimethylphthalate	13.67	163	218658	7.654	ng	100
51) 2,6-Dinitrotoluene	13.81	165	45637	7.224	ng	91
52) Acenaphthene	14.26	154	158670	7.686	ng	99
53) 3-Nitroaniline	14.16	138	38467	6.098	ng	99
54) 2,4-Dinitrophenol	14.42	184	12262m	10.425	ng	
55) Dibenzofuran	14.60	168	255287	7.563	ng	97
56) 4-Nitrophenol	14.52	139	16491m	8.930	ng	
57) 2,4-Dinitrotoluene	14.62	165	58547	6.447	ng	97
58) Fluorene	15.26	166	206686	7.226	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.84	232	46334	7.202	ng	98
60) Diethylphthalate	15.03	149	223789	7.532	ng	100
61) 4-Chlorophenyl-phenylether	15.25	204	99358	7.215	ng	94
62) 4-Nitroaniline	15.34	138	38944m	6.266	ng	
63) Azobenzene	15.54	77	238352	7.505	ng	98
65) 4,6-Dinitro-2-methylphenol	15.40	198	21729	4.759	ng	90
66) n-Nitrosodiphenylamine	15.47	169	176013	7.523	ng	99
67) 4-Bromophenyl-phenylether	16.15	248	59899	7.280	ng	98
68) Hexachlorobenzene	16.26	284	73655	7.460	ng	99
69) Atrazine	16.44	200	59209	7.454	ng	98
70) Pentachlorophenol	16.63	266	27263	5.404	ng	97
71) Phenanthrene	17.00	178	321904	7.579	ng	99
72) Anthracene	17.10	178	304183	7.195	ng	99
73) Carbazole	17.39	167	277208	7.023	ng	99
74) Di-n-butylphthalate	17.93	149	349170	6.736	ng	100
75) Fluoranthene	19.04	202	345577	7.070	ng	98
77) Benzidine	19.25	184	128032	6.688	ng	99
78) Pyrene	19.40	202	361615	7.871	ng	99
80) Butylbenzylphthalate	20.31	149	149848	6.727	ng	96
81) Benzo(a)anthracene	21.16	228	325889	7.415	ng	99
82) 3,3'-Dichlorobenzidine	21.11	252	116381	7.117	ng	99
83) Chrysene	21.22	228	322090	7.642	ng	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	208657	6.292	ng	98
85) Di-n-octyl phthalate	21.94	149	341927	6.355	ng	99
86) Indeno(1,2,3-cd)pyrene	25.58	276	343884	8.294	ng	100
88) Benzo(b)fluoranthene	22.71	252	308536	7.118	ng	99
89) Benzo(k)fluoranthene	22.76	252	304894	7.472	ng	99
90) Benzo(a)pyrene	23.27	252	288281	7.506	ng	99
91) Dibenzo(a,h)anthracene	25.59	278	279409	7.546	ng	99
92) Benzo(g,h,i)perylene	26.26	276	272676	8.130	ng	99

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

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