Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032119\
Data File : BM019291.D
Acq On : 21 Mar 2019 15:30
Operator : JU/SJ
Sample : PB118124BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB118124BS

Manual Integrations APPROVED
Sohil
3/22/2019 3:45:39 PM

Quant Time: Mar 22 04:49:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	182389	20.00	ng		-0.04
21) Naphthalene-d8	10.41	136	834324	20.00	ng		-0.04
39) Acenaphthene-d10	14.29	164	495525	20.00	ng		-0.04
64) Phenanthrene-d10	17.04	188	1091936	20.00	ng		-0.03
76) Chrysene-d12	21.25	240	980176	20.00	ng		-0.02
87) Perylene-d12	23.47	264	801643	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1686352	149.74	ng		-0.02
7) Phenol-d6	6.82	99	2382818	144.65	ng		-0.03
23) Nitrobenzene-d5	8.80	82	1322112	74.91	ng		-0.03
42) 2,4,6-Tribromophenol	15.79	330	975420	133.32	ng		-0.03
45) 2-Fluorobiphenyl	12.90	172	2822942	74.10	ng		-0.04
79) Terphenyl-d14	19.69	244	4329991	87.70	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	177195	35.368	ng		98
3) Pyridine	3.59	79	380949	27.948	ng		99
4) n-Nitrosodimethylamine	3.52	42	129868	30.648	ng		99
6) Aniline	6.98	93	692022	32.538	ng		98
8) 2-Chlorophenol	7.20	128	589236	43.538	ng		97
9) Benzaldehyde	6.79	77	268075	25.871	ng		98
10) Phenol	6.85	94	800610	45.096	ng		97
11) bis(2-Chloroethyl)ether	7.07	93	526969	38.899	ng		96
12) 1,3-Dichlorobenzene	7.52	146	518227	36.183	ng		98
13) 1,4-Dichlorobenzene	7.66	146	549187	37.611	ng		99
14) 1,2-Dichlorobenzene	7.97	146	544117	38.301	ng		98
15) Benzyl Alcohol	7.89	79	513975	37.698	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.16	45	473313	34.217	ng		98
17) 2-Methylphenol	8.08	107	474015	40.973	ng		97
18) Hexachloroethane	8.69	117	191115	35.223	ng		94
19) n-Nitroso-di-n-propylamine	8.45	70	454664	33.642	ng		96
20) 3+4-Methylphenols	8.41	107	646189	41.149	ng		99
22) Acetophenone	8.46	105	780168	33.836	ng	#	98
24) Nitrobenzene	8.85	77	698884	38.073	ng		98
25) Isophorone	9.36	82	1213504	36.031	ng		99
26) 2-Nitrophenol	9.55	139	294357	38.686	ng		92
27) 2,4-Dimethylphenol	9.60	122	498140	44.037	ng		98
28) bis(2-Chloroethoxy)methane	9.84	93	749551	37.586	ng		99
29) 2,4-Dichlorophenol	10.07	162	576814	46.042	ng		99
30) 1,2,4-Trichlorobenzene	10.27	180	576122	40.783	ng		99
31) Naphthalene	10.46	128	1719508	39.102	ng		100
32) Benzoic acid	9.79	122	317387	33.130	ng		99
33) 4-Chloroaniline	10.60	127	439584	24.385	ng		98
34) Hexachlorobutadiene	10.72	225	316219	39.007	ng		99
35) Caprolactam	11.42	113	173628m	38.906	ng		
36) 4-Chloro-3-methylphenol	11.72	107	622677	40.282	ng		97
37) 2-Methylnaphthalene	12.09	142	1201920	37.612	ng		98
38) 1-Methylnaphthalene	12.31	142	1214387	38.555	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.45	216	649544	41.439	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	579270	81.587	ng		98
43) 2,4,6-Trichlorophenol	12.71	196	431414	42.589	ng		97
44) 2,4,5-Trichlorophenol	12.78	196	458017	42.284	ng		97
46) 1,1'-Biphenyl	13.12	154	1595175	36.861	ng		98
47) 2-Chloronaphthalene	13.16	162	1270850	39.343	ng		98
48) 2-Nitroaniline	13.39	65	399956	36.920	ng		93
49) Acenaphthylene	14.01	152	2132317	39.041	ng		100
50) Dimethylphthalate	13.76	163	1668881	39.370	ng		99
51) 2,6-Dinitrotoluene	13.89	165	373146	40.721	ng		93
52) Acenaphthene	14.35	154	1243142	39.611	ng		99
53) 3-Nitroaniline	14.23	138	254480	26.221	ng		92
54) 2,4-Dinitrophenol	14.44	184	402808	75.692	ng		89
55) Dibenzofuran	14.69	168	2021131	39.934	ng		98
56) 4-Nitrophenol	14.54	139	569896	71.920	ng		93
57) 2,4-Dinitrotoluene	14.68	165	519732	39.073	ng		97
58) Fluorene	15.34	166	1518319	36.394	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	430358	42.677	ng		96
60) Diethylphthalate	15.13	149	1642942	38.269	ng		98
61) 4-Chlorophenyl-phenylether	15.34	204	778724	38.433	ng		95
62) 4-Nitroaniline	15.40	138	307701	31.460	ng		94
63) Azobenzene	15.63	77	1549477	34.298	ng		96
65) 4,6-Dinitro-2-methylphenol	15.44	198	248647	34.750	ng		92
66) n-Nitrosodiphenylamine	15.56	169	1336811	38.454	ng		99
67) 4-Bromophenyl-phenylether	16.24	248	500235	41.543	ng		93
68) Hexachlorobenzene	16.34	284	596364	41.658	ng		95
69) Atrazine	16.52	200	459541	39.270	ng		100
70) Pentachlorophenol	16.69	266	674587	78.212	ng		99
71) Phenanthrene	17.09	178	2515943	39.310	ng		99
72) Anthracene	17.18	178	2488932	39.724	ng		100
73) Carbazole	17.46	167	2121790	35.880	ng		98
74) Di-n-butylphthalate	18.01	149	2845528	39.792	ng		100
75) Fluoranthene	19.11	202	2739220	37.299	ng		99
77) Benzidine	19.32	184	1078591	38.800	ng		100
78) Pyrene	19.48	202	2608015	42.053	ng		99
80) Butylbenzylphthalate	20.39	149	1240054	45.908	ng		96
81) Benzo(a)anthracene	21.23	228	2398339	39.002	ng		100
82) 3,3'-Dichlorobenzidine	21.17	252	757718	31.986	ng		98
83) Chrysene	21.29	228	2294737	38.573	ng		100
84) Bis(2-ethylhexyl)phthalate	21.16	149	1824336	46.423	ng	#	98
85) Di-n-octyl phthalate	22.03	149	2759425	41.700	ng		98
86) Indeno(1,2,3-cd)pyrene	25.73	276	2402580	37.517	ng		98
88) Benzo(b)fluoranthene	22.80	252	2141896	41.234	ng		100
89) Benzo(k)fluoranthene	22.85	252	2123327	44.442	ng		99
90) Benzo(a)pyrene	23.38	252	2115468	45.318	ng		99
91) Dibenzo(a,h)anthracene	25.74	278	2080969	46.601	ng		99
92) Benzo(g,h,i)perylene	26.42	276	2122059	51.761	ng		99

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

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