Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111127.D
Acq On : 6 Dec 2018 00:28
Operator : JU/SJ
Sample : J6160-01MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

Manual Integrations APPROVED
mohammad
12/6/2018 12:11:59 PM

Quant Time: Dec 06 03:52:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	477268	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1881003	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	829935	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1257104	20.00	ng		0.00
76) Chrysene-d12	13.96	240	775594	20.00	ng		0.01
87) Perylene-d12	15.39	264	609961	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	3418617	111.77	ng		0.01
7) Phenol-d6	6.44	99	4371262	110.95	ng		0.00
23) Nitrobenzene-d5	7.37	82	2702729	85.07	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	751954	113.98	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	3875727	86.74	ng		0.00
79) Terphenyl-d14	12.91	244	2943638	77.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	494625	28.116	ng		98
3) Pyridine	3.30	79	1434701	36.770	ng		98
4) n-Nitrosodimethylamine	3.22	42	844793	43.975	ng		100
6) Aniline	6.47	93	747478	14.200	ng		99
8) 2-Chlorophenol	6.59	128	1410569	40.013	ng		95
9) Benzaldehyde	6.35	77	735475	33.097	ng		98
10) Phenol	6.46	94	1949010	45.369	ng		99
11) bis(2-Chloroethyl)ether	6.55	93	1362016	38.792	ng		97
12) 1,3-Dichlorobenzene	6.75	146	1449915	38.672	ng		97
13) 1,4-Dichlorobenzene	6.83	146	1453274	38.518	ng		97
14) 1,2-Dichlorobenzene	6.98	146	1368388	38.988	ng		98
15) Benzyl Alcohol	6.95	79	1264315	40.501	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2660928	38.960	ng		100
17) 2-Methylphenol	7.06	107	1189805	41.115	ng		99
18) Hexachloroethane	7.32	117	494885	34.965	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	1013807	38.290	ng		95
20) 3+4-Methylphenols	7.21	107	1426551	40.418	ng		95
22) Acetophenone	7.22	105	1888755	41.551	ng	#	92
24) Nitrobenzene	7.39	77	1466085	42.892	ng		98
25) Isophorone	7.63	82	2674244	45.864	ng		99
26) 2-Nitrophenol	7.70	139	647502	44.833	ng		96
27) 2,4-Dimethylphenol	7.75	122	1194061	43.900	ng		97
28) bis(2-Chloroethoxy)methane	7.84	93	1729260	43.809	ng		98
29) 2,4-Dichlorophenol	7.95	162	1134442	42.365	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	1111588	41.128	ng		99
31) Naphthalene	8.12	128	3711820	45.323	ng		98
32) Benzoic acid	7.82	122	200911	11.201	ng		98
33) 4-Chloroaniline	8.15	127	272185	6.876	ng		95
34) Hexachlorobutadiene	8.24	225	582427	39.653	ng		97
35) Caprolactam	8.52	113	388355m	39.500	ng		
36) 4-Chloro-3-methylphenol	8.64	107	1265055	43.131	ng		99
37) 2-Methylnaphthalene	8.80	142	2533241	44.843	ng		99
38) 1-Methylnaphthalene	8.90	142	2391836	44.039	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	932372	42.152	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	377394	32.357	ng		96
43) 2,4,6-Trichlorophenol	9.08	196	709321	43.907	ng		100
44) 2,4,5-Trichlorophenol	9.12	196	741135	45.256	ng		97
46) 1,1'-Biphenyl	9.27	154	2767301	40.731	ng		99
47) 2-Chloronaphthalene	9.29	162	2222681	42.101	ng		99
48) 2-Nitroaniline	9.38	65	775103	45.304	ng		97
49) Acenaphthylene	9.70	152	3358551	45.512	ng		99
50) Dimethylphthalate	9.57	163	2920272	50.558	ng		99
51) 2,6-Dinitrotoluene	9.62	165	566486	46.259	ng		88
52) Acenaphthene	9.88	154	1986973	40.756	ng		99
53) 3-Nitroaniline	9.79	138	350515	22.787	ng		99
54) 2,4-Dinitrophenol	9.89	184	52407	18.996	ng	#	85
55) Dibenzofuran	10.05	168	2911168	43.353	ng		97
56) 4-Nitrophenol	9.95	139	954525	82.346	ng	#	83
57) 2,4-Dinitrotoluene	10.03	165	705411	44.601	ng		98
58) Fluorene	10.39	166	2114588	44.656	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	545351	44.618	ng	#	92
60) Diethylphthalate	10.27	149	2515543	43.579	ng		97
61) 4-Chlorophenyl-phenylether	10.39	204	977276	41.878	ng		97
62) 4-Nitroaniline	10.40	138	502041	36.162	ng		97
63) Azobenzene	10.55	77	2450454	39.874	ng		98
65) 4,6-Dinitro-2-methylphenol	10.43	198	74464	14.338	ng		94
66) n-Nitrosodiphenylamine	10.50	169	1965192	44.645	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	590119	44.346	ng		93
68) Hexachlorobenzene	10.95	284	568995	41.817	ng		96
69) Atrazine	11.03	200	605834	Below Cal			96
70) Pentachlorophenol	11.13	266	644512	72.028	ng		97
71) Phenanthrene	11.35	178	2809814	46.467	ng		98
72) Anthracene	11.40	178	2839142	46.580	ng		98
73) Carbazole	11.55	167	2714392	42.798	ng		99
74) Di-n-butylphthalate	11.89	149	3463884	46.657	ng		99
75) Fluoranthene	12.53	202	2662423	44.996	ng		99
77) Benzidine	12.65	184	1205997	Below Cal			99
78) Pyrene	12.76	202	2703305	44.739	ng		99
80) Butylbenzylphthalate	13.39	149	1443262	49.443	ng		99
81) Benzo(a)anthracene	13.95	228	2000233	44.017	ng		100
82) 3,3'-Dichlorobenzidine	13.91	252	667139	38.902	ng		98
83) Chrysene	13.99	228	1981308	43.920	ng		98
84) Bis(2-ethylhexyl)phthalate	13.95	149	1784072	50.600	ng		99
85) Di-n-octyl phthalate	14.56	149	2986404	53.879	ng		99
86) Indeno(1,2,3-cd)pyrene	16.81	276	1476849	40.774	ng	#	87
88) Benzo(b)fluoranthene	14.98	252	1556939	45.046	ng		98
89) Benzo(k)fluoranthene	15.01	252	1553585	46.496	ng		99
90) Benzo(a)pyrene	15.33	252	1420157	44.796	ng		98
91) Dibenzo(a,h)anthracene	16.83	278	1226967	46.119	ng		99
92) Benzo(g,h,i)perylene	17.23	276	1230157	46.013	ng		98

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

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