Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
Data File : BF112269.D
Acq On : 28 Jan 2019 12:45
Operator : JU/SJ
Sample : PB116645BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB116645BS

Manual Integrations APPROVED
mohammad
1/29/2019 9:34:52 AM

Quant Time: Jan 29 00:33:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	189003	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	742550	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	384774	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	763013	20.00	ng		0.00
76) Chrysene-d12	14.01	240	616776	20.00	ng		0.00
87) Perylene-d12	15.47	264	512017	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1340287	150.62	ng		0.00
7) Phenol-d6	6.49	99	1672745	135.29	ng		0.00
23) Nitrobenzene-d5	7.40	82	995827	77.27	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	576774	128.78	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2072283	76.17	ng		0.00
79) Terphenyl-d14	12.95	244	2376771	72.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	168356	47.496	ng		95
3) Pyridine	3.44	79	443503	49.187	ng		99
4) n-Nitrosodimethylamine	3.38	42	201167	53.103	ng		94
6) Aniline	6.50	93	416831	28.340	ng	#	24
8) 2-Chlorophenol	6.63	128	493500	41.227	ng		96
9) Benzaldehyde	6.39	77	108696	16.819	ng		98
10) Phenol	6.50	94	546339	40.275	ng		93
11) bis(2-Chloroethyl)ether	6.57	93	427144	39.996	ng		99
12) 1,3-Dichlorobenzene	6.79	146	540597	38.778	ng		98
13) 1,4-Dichlorobenzene	6.86	146	545528	38.023	ng		98
14) 1,2-Dichlorobenzene	7.01	146	509537	37.932	ng		96
15) Benzyl Alcohol	6.99	79	403064	38.671	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	547817	39.951	ng		78
17) 2-Methylphenol	7.10	107	384496	40.520	ng		94
18) Hexachloroethane	7.35	117	197026	39.107	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	324951	38.114	ng		99
20) 3+4-Methylphenols	7.26	107	490362	40.411	ng	#	77
22) Acetophenone	7.25	105	652842	36.106	ng	#	97
24) Nitrobenzene	7.42	77	486482	37.798	ng		99
25) Isophorone	7.66	82	878714	43.464	ng		97
26) 2-Nitrophenol	7.74	139	268310	39.009	ng		94
27) 2,4-Dimethylphenol	7.78	122	427469	45.108	ng		94
28) bis(2-Chloroethoxy)methane	7.87	93	556792	40.447	ng		99
29) 2,4-Dichlorophenol	7.99	162	429216	40.474	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	469944	38.552	ng		98
31) Naphthalene	8.15	128	1414595	40.737	ng		99
32) Benzoic acid	7.92	122	222326	41.129	ng		98
33) 4-Chloroaniline	8.19	127	320007	21.164	ng		99
34) Hexachlorobutadiene	8.26	225	257952	36.061	ng		99
35) Caprolactam	8.56	113	133216m	35.609	ng		
36) 4-Chloro-3-methylphenol	8.69	107	429202	38.231	ng		100
37) 2-Methylnaphthalene	8.84	142	1012093	42.575	ng		99
38) 1-Methylnaphthalene	8.94	142	946757	41.552	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	464386	36.758	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	353442	74.553	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	295935	38.002	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	317795	39.047	ng		96
46) 1,1'-Biphenyl	9.30	154	1228345	36.516	ng		99
47) 2-Chloronaphthalene	9.33	162	941679	36.100	ng		97
48) 2-Nitroaniline	9.42	65	265353	37.322	ng		91
49) Acenaphthylene	9.75	152	1508095	39.444	ng		99
50) Dimethylphthalate	9.60	163	1137134	38.038	ng		99
51) 2,6-Dinitrotoluene	9.66	165	258710	38.640	ng	#	86
52) Acenaphthene	9.92	154	873925	38.263	ng		99
53) 3-Nitroaniline	9.83	138	173887	23.973	ng		94
54) 2,4-Dinitrophenol	9.95	184	183960	85.614	ng		96
55) Dibenzofuran	10.09	168	1324692	37.954	ng		96
56) 4-Nitrophenol	10.02	139	293674	76.580	ng		98
57) 2,4-Dinitrotoluene	10.07	165	337703	39.620	ng		92
58) Fluorene	10.43	166	1062868	40.694	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	261231	42.473	ng		100
60) Diethylphthalate	10.30	149	1125459	37.936	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	520279	36.619	ng		93
62) 4-Nitroaniline	10.45	138	256398	36.038	ng		96
63) Azobenzene	10.58	77	985520	37.771	ng		95
65) 4,6-Dinitro-2-methylphenol	10.49	198	145342	33.975	ng		89
66) n-Nitrosodiphenylamine	10.54	169	934660	36.346	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	325547	36.276	ng		96
68) Hexachlorobenzene	10.98	284	352776	36.640	ng		95
69) Atrazine	11.06	200	321055	38.692	ng		96
70) Pentachlorophenol	11.18	266	269302	71.883	ng		99
71) Phenanthrene	11.39	178	1553224	39.156	ng		99
72) Anthracene	11.45	178	1604303	40.601	ng		100
73) Carbazole	11.60	167	1419662	36.422	ng		98
74) Di-n-butylphthalate	11.92	149	1792723	37.055	ng		99
75) Fluoranthene	12.58	202	1654290	38.882	ng		99
77) Benzidine	12.69	184	622151	36.649	ng		97
78) Pyrene	12.81	202	1673110	39.181	ng		99
80) Butylbenzylphthalate	13.42	149	781740	37.838	ng		95
81) Benzo(a)anthracene	14.00	228	1448390	39.948	ng		100
82) 3,3'-Dichlorobenzidine	13.95	252	372212	27.431	ng		97
83) Chrysene	14.03	228	1359942	39.294	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1101925	37.574	ng		99
85) Di-n-octyl phthalate	14.58	149	1713893	37.985	ng		98
86) Indeno(1,2,3-cd)pyrene	16.95	276	1174466	42.826	ng		98
88) Benzo(b)fluoranthene	15.04	252	1245085	40.661	ng		98
89) Benzo(k)fluoranthene	15.07	252	1225136	41.770	ng		99
90) Benzo(a)pyrene	15.41	252	1157154	41.998	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	974297	43.876	ng		99
92) Benzo(g,h,i)perylene	17.40	276	971267	46.361	ng		97

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

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