Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104525.D
Acq On : 16 Apr 2018 11:13
Operator : JU/SJ
Sample : PB108119BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB108119BS

Manual Integrations APPROVED
Sohil
4/17/2018 10:08:35 AM

Quant Time: Apr 16 12:46:07 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 16 12:15:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	159665	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	662534	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	307893	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	561948	20.00	ng		0.00
75) Chrysene-d12	13.99	240	419682	20.00	ng		0.00
86) Perylene-d12	15.45	264	319282	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1083698	103.78	ng		0.02
7) Phenol-d6	6.46	99	1336200	104.15	ng		0.00
23) Nitrobenzene-d5	7.37	82	852789	84.05	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	356759	111.70	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1449300	74.36	ng		0.00
78) Terphenyl-d14	12.93	244	1468616	79.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	168571	34.646	ng		90
3) Pyridine	3.35	79	456920	33.401	ng		89
4) n-Nitrosodimethylamine	3.30	42	186515	39.004	ng	#	78
6) Aniline	6.47	93	349734	19.621	ng		95
8) 2-Chlorophenol	6.60	128	428225	38.854	ng		96
9) Benzaldehyde	6.36	77	118601	14.483	ng		97
10) Phenol	6.47	94	515394	37.860	ng		89
11) bis(2-Chloroethyl)ether	6.55	93	413189	38.035	ng		93
12) 1,3-Dichlorobenzene	6.75	146	441932	35.395	ng		99
13) 1,4-Dichlorobenzene	6.83	146	443061	35.598	ng		99
14) 1,2-Dichlorobenzene	6.98	146	416390	36.101	ng		99
15) Benzyl Alcohol	6.96	79	353322	36.258	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	545902	37.419	ng		91
17) 2-Methylphenol	7.07	107	358034	37.372	ng		97
18) Hexachloroethane	7.32	117	165624	37.323	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	275853	32.903	ng		93
20) 3+4-Methylphenols	7.22	107	410738	34.569	ng	#	70
22) Acetophenone	7.22	105	533168	32.687	ng		97
24) Nitrobenzene	7.40	77	448158	40.006	ng		94
25) Isophorone	7.63	82	824162	38.412	ng		100
26) 2-Nitrophenol	7.71	139	239118	52.433	ng		96
27) 2,4-Dimethylphenol	7.75	122	385422	40.703	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	532018	40.555	ng		99
29) 2,4-Dichlorophenol	7.96	162	359107	39.746	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	361522	36.460	ng		100
31) Naphthalene	8.12	128	1205383	36.537	ng		99
32) Benzoic acid	7.88	122	259489	34.345	ng		96
33) 4-Chloroaniline	8.16	127	174708	12.361	ng		98
34) Hexachlorobutadiene	8.23	225	191334	35.229	ng		99
35) Caprolactam	8.55	113	124270m	39.428	ng		
36) 4-Chloro-3-methylphenol	8.66	107	384199	39.658	ng		97
37) 2-Methylnaphthalene	8.81	142	816567	38.265	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	316232	35.880	ng		99
40) Hexachlorocyclopentadiene	8.96	237	362645	73.496	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	248710	40.650	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	258785	37.798	ng		97
45) 1,1'-Biphenyl	9.27	154	910424	35.199	ng		99
46) 2-Chloronaphthalene	9.30	162	743910	36.412	ng		100
47) 2-Nitroaniline	9.40	65	237321	46.972	ng		96
48) Acenaphthylene	9.72	152	1136499	35.455	ng		99
49) Dimethylphthalate	9.57	163	900370	37.083	ng		100
50) 2,6-Dinitrotoluene	9.64	165	205597	45.763	ng		96
51) Acenaphthene	9.89	154	668048	34.158	ng		100
52) 3-Nitroaniline	9.81	138	133284	25.341	ng	#	93
53) 2,4-Dinitrophenol	9.92	184	198614	97.022	ng	#	22
54) Dibenzofuran	10.06	168	1018776	37.379	ng		98
55) 4-Nitrophenol	9.98	139	359763	87.076	ng		97
56) 2,4-Dinitrotoluene	10.05	165	264996	44.967	ng		97
57) Fluorene	10.40	166	757822	38.200	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	212979	41.696	ng		95
59) Diethylphthalate	10.27	149	876647	36.254	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	347973	39.386	ng		99
61) 4-Nitroaniline	10.43	138	220411	42.859	ng		97
62) Azobenzene	10.56	77	852371	36.896	ng		94
64) 4,6-Dinitro-2-methylphenol	10.45	198	129663	47.473	ng		91
65) n-Nitrosodiphenylamine	10.52	169	721751	37.043	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	229080	38.325	ng		90
67) Hexachlorobenzene	10.95	284	248253	36.911	ng	#	89
68) Atrazine	11.05	200	235983	40.125	ng		99
69) Pentachlorophenol	11.15	266	260594	62.629	ng		96
70) Phenanthrene	11.37	178	1129865	36.104	ng		99
71) Anthracene	11.42	178	1176841	36.994	ng		100
72) Carbazole	11.57	167	1110575	35.727	ng		99
73) Di-n-butylphthalate	11.90	149	1358120	35.766	ng		99
74) Fluoranthene	12.56	202	1179839	36.084	ng		99
76) Benzidine	12.68	184	199067	9.624	ng		96
77) Pyrene	12.79	202	1204740	38.727	ng		100
79) Butylbenzylphthalate	13.40	149	572897	39.091	ng		98
80) Benzo(a)anthracene	13.98	228	973969	38.846	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	221529	23.697	ng		99
82) Chrysene	14.02	228	932554	36.211	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	753884	39.992	ng		99
84) Di-n-octyl phthalate	14.59	149	1193518	37.892	ng		96
85) Indeno(1,2,3-cd)pyrene	16.92	276	800131	36.574	ng		98
87) Benzo(b)fluoranthene	15.03	252	814183m	40.375	ng		
88) Benzo(k)fluoranthene	15.06	252	721511	37.899	ng		98
89) Benzo(a)pyrene	15.39	252	716907	39.733	ng		97
90) Dibenzo(a,h)anthracene	16.93	278	659106	44.478	ng		98
91) Benzo(g,h,i)perylene	17.36	276	706913	49.239	ng		97

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

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