Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
Data File : BF101569.D
Acq On : 20 Dec 2017 15:56
Operator : SJ/JU
Sample : I6676-09MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MS

Manual Integrations APPROVED
Sohil
12/21/2017 12:07:01 PM

Quant Time: Dec 21 10:10:59 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	146590	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	586886	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	253611	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	418723	20.00	ng		0.00
75) Chrysene-d12	13.97	240	264074	20.00	ng		0.00
86) Perylene-d12	15.43	264	319081	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1091237	110.89	ng		0.02
7) Phenol-d6	6.45	99	1224943	100.02	ng		0.00
23) Nitrobenzene-d5	7.37	82	919974	87.26	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	291189	119.16	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1450969	88.75	ng		0.00
78) Terphenyl-d14	12.90	244	1131017	103.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	173534	34.318	ng	#	80
3) Pyridine	3.45	79	313798m	22.335	ng		
4) n-Nitrosodimethylamine	3.37	42	239371	37.004	ng		98
6) Aniline	6.47	93	81191	4.770	ng	#	35
8) 2-Chlorophenol	6.59	128	404238	39.049	ng		99
9) Benzaldehyde	6.36	77	262392	29.009	ng		97
10) Phenol	6.46	94	451920	32.374	ng		96
11) bis(2-Chloroethyl)ether	6.54	93	434945	39.722	ng		96
12) 1,3-Dichlorobenzene	6.74	146	443431	37.953	ng		100
13) 1,4-Dichlorobenzene	6.82	146	454322	38.079	ng		98
14) 1,2-Dichlorobenzene	6.97	146	411759	38.341	ng		98
15) Benzyl Alcohol	6.95	79	314760	37.338	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	716391	42.749	ng		59
17) 2-Methylphenol	7.06	107	335668	35.250	ng	#	88
18) Hexachloroethane	7.30	117	161590	38.954	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	300814	37.400	ng		94
20) 3+4-Methylphenols	7.22	107	439308	43.536	ng	#	75
22) Acetophenone	7.21	105	593035	44.285	ng	#	94
24) Nitrobenzene	7.39	77	479142	41.063	ng		96
25) Isophorone	7.62	82	890262	42.093	ng		97
26) 2-Nitrophenol	7.70	139	227716	45.425	ng		99
27) 2,4-Dimethylphenol	7.74	122	373641	43.873	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	555901	41.377	ng		99
29) 2,4-Dichlorophenol	7.95	162	357397	42.477	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	354239	39.896	ng		96
31) Naphthalene	8.10	128	1193842	40.406	ng		100
32) Benzoic acid	7.90	122	190173	35.605	ng		97
33) 4-Chloroaniline	8.17	127	49832	3.880	ng	#	93
34) Hexachlorobutadiene	8.21	225	203848	39.695	ng		99
35) Caprolactam	8.54	113	95001m	32.517	ng		
36) 4-Chloro-3-methylphenol	8.65	107	372502	40.281	ng		99
37) 2-Methylnaphthalene	8.79	142	784968	40.778	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	367032	42.865	ng		97
40) Hexachlorocyclopentadiene	8.94	237	53655	43.403	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	229171	44.457	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	233577	41.383	ng		98
45) 1,1'-Biphenyl	9.26	154	941813	41.874	ng		99
46) 2-Chloronaphthalene	9.29	162	704329	40.927	ng		98
47) 2-Nitroaniline	9.39	65	255168	42.921	ng		90
48) Acenaphthylene	9.70	152	1021354	37.575	ng		100
49) Dimethylphthalate	9.56	163	804641	39.444	ng		100
50) 2,6-Dinitrotoluene	9.63	165	179382	43.266	ng		92
51) Acenaphthene	9.87	154	626482	38.362	ng		98
52) 3-Nitroaniline	9.81	138	35241	6.818	ng		94
53) 2,4-Dinitrophenol	9.93	184	75359	55.774	ng	#	19
54) Dibenzofuran	10.04	168	867613	41.805	ng		97
55) 4-Nitrophenol	9.99	139	139721	61.989	ng	#	80
56) 2,4-Dinitrotoluene	10.05	165	208695	44.676	ng	#	80
57) Fluorene	10.39	166	708228	40.340	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	180835	44.593	ng		88
59) Diethylphthalate	10.26	149	809225	40.058	ng		97
60) 4-Chlorophenyl-phenylether	10.37	204	349883	41.582	ng		92
61) 4-Nitroaniline	10.42	138	147893	28.464	ng		99
62) Azobenzene	10.53	77	821114	39.237	ng		97
64) 4,6-Dinitro-2-methylphenol	10.46	198	62758	29.370	ng		92
65) n-Nitrosodiphenylamine	10.50	169	670484	43.366	ng		95
66) 4-Bromophenyl-phenylether	10.86	248	217540	46.237	ng	#	89
67) Hexachlorobenzene	10.94	284	214752	43.127	ng	#	87
68) Atrazine	11.03	200	213676	46.349	ng		96
69) Pentachlorophenol	11.14	266	159338	82.098	ng		97
70) Phenanthrene	11.35	178	956940	41.095	ng		99
71) Anthracene	11.40	178	973055	40.909	ng		100
72) Carbazole	11.56	167	841211	37.774	ng		99
73) Di-n-butylphthalate	11.87	149	1167047	43.177	ng		100
74) Fluoranthene	12.54	202	869674	35.581	ng		99
76) Benzidine	12.66	184	131244	11.767	ng		99
77) Pyrene	12.77	202	870113	43.904	ng		99
79) Butylbenzylphthalate	13.37	149	410111	45.733	ng		99
80) Benzo(a)anthracene	13.96	228	743577	42.643	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	103197	18.150	ng	#	97
82) Chrysene	14.00	228	710595	43.161	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	541300	47.656	ng		99
84) Di-n-octyl phthalate	14.54	149	917337	45.286	ng		98
85) Indeno(1,2,3-cd)pyrene	16.92	276	841114	57.371	ng		96
87) Benzo(b)fluoranthene	15.01	252	816288	41.971	ng		98
88) Benzo(k)fluoranthene	15.04	252	682776	36.108	ng		98
89) Benzo(a)pyrene	15.38	252	751799	41.932	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	696958	45.276	ng		98
91) Benzo(g,h,i)perylene	17.36	276	716002	46.973	ng		95

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

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