Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091852.D
Acq On : 21 Dec 2016 23:51
Operator : UM/SJ
Sample : PB95527BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95527BS

Manual Integrations APPROVED
Sohil
12/29/2016 12:01:34 PM

Quant Time: Dec 22 03:41:46 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	350043	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	1481349	20.00	ng		-0.01
38) Acenaphthene-d10	9.79	164	771684	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	1200744	20.00	ng		0.00
75) Chrysene-d12	13.90	240	840062	20.00	ng		0.00
86) Perylene-d12	15.30	264	770464	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	2324933	110.90	ng		0.02
7) Phenol-d6	6.41	99	3198963	124.98	ng		0.00
23) Nitrobenzene-d5	7.32	82	2231665	83.77	ng		0.00
41) 2,4,6-Tribromophenol	10.58	330	672552	105.31	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	3239371	86.19	ng		0.00
78) Terphenyl-d14	12.85	244	2540547	73.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	378948	36.72	ng		99
3) Pyridine	3.08	79	1116304	30.99	ng		99
4) n-Nitrosodimethylamine	3.05	42	473633	34.86	ng		96
6) Aniline	6.42	93	339629	10.22	ng	#	1
8) 2-Chlorophenol	6.53	128	884894	37.11	ng		93
9) Benzaldehyde	6.29	77	124599	6.40	ng		93
10) Phenol	6.42	94	1225874	42.03	ng	#	69
11) bis(2-Chloroethyl)ether	6.49	93	908752	39.16	ng		98
12) 1,3-Dichlorobenzene	6.68	146	943960	37.08	ng	#	89
13) 1,4-Dichlorobenzene	6.76	146	918640	35.45	ng		99
14) 1,2-Dichlorobenzene	6.92	146	906626	40.32	ng		98
15) Benzyl Alcohol	6.90	79	705437	35.47	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1355372	39.22	ng		96
17) 2-Methylphenol	7.02	107	850317	44.34	ng		98
18) Hexachloroethane	7.26	117	399533	41.59	ng		95
19) n-Nitroso-di-n-propylamine	7.17	70	693387	40.72	ng		96
20) 3+4-Methylphenols	7.17	107	1046291	45.74	ng		92
22) Acetophenone	7.16	105	1418003	38.81	ng	#	96
24) Nitrobenzene	7.33	77	1008877	35.56	ng		98
25) Isophorone	7.58	82	2077452	42.27	ng		98
26) 2-Nitrophenol	7.65	139	556488	39.77	ng		97
27) 2,4-Dimethylphenol	7.70	122	944678	40.71	ng		97
28) bis(2-Chloroethoxy)methane	7.79	93	1231481	41.32	ng		100
29) 2,4-Dichlorophenol	7.90	162	868666	44.20	ng		95
30) 1,2,4-Trichlorobenzene	7.97	180	863700	40.11	ng	#	94
31) Naphthalene	8.05	128	2704806	39.90	ng		100
32) Benzoic acid	7.85	122	668151	38.82	ng		97
33) 4-Chloroaniline	8.11	127	240219	7.86	ng		96
34) Hexachlorobutadiene	8.18	225	454866	40.02	ng		99
35) Caprolactam	8.49	113	290064m	44.92	ng		
36) 4-Chloro-3-methylphenol	8.61	107	969307	42.86	ng		94
37) 2-Methylnaphthalene	8.75	142	1883973	46.35	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	741426	38.03	ng		99
40) Hexachlorocyclopentadiene	8.90	237	715410	82.27	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	553889m	40.62	ng		
43) 2,4,5-Trichlorophenol	9.08	196	562527m	40.09	ng		
45) 1,1'-Biphenyl	9.22	154	2247583	42.54	ng		99
46) 2-Chloronaphthalene	9.24	162	1716704	41.03	ng		99
47) 2-Nitroaniline	9.33	65	529135	35.52	ng		99
48) Acenaphthylene	9.65	152	2635257	40.95	ng		100
49) Dimethylphthalate	9.53	163	2041271	41.36	ng		100
50) 2,6-Dinitrotoluene	9.58	165	504936	46.74	ng		98
51) Acenaphthene	9.82	154	1712310	39.25	ng		99
52) 3-Nitroaniline	9.74	138	175622	13.14	ng		96
53) 2,4-Dinitrophenol	9.86	184	479758	79.82	ng	#	70
54) Dibenzofuran	10.00	168	2223653	37.74	ng		99
55) 4-Nitrophenol	9.93	139	652048	71.83	ng		95
56) 2,4-Dinitrotoluene	9.98	165	516148	38.07	ng		90
57) Fluorene	10.34	166	1779159	41.51	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	441454	39.78	ng		99
59) Diethylphthalate	10.22	149	1883879	39.30	ng		94
60) 4-Chlorophenyl-phenylether	10.33	204	695099	37.03	ng		96
61) 4-Nitroaniline	10.36	138	422379	30.49	ng		95
62) Azobenzene	10.49	77	2173221	41.18	ng		98
64) 4,6-Dinitro-2-methylphenol	10.40	198	341881	47.09	ng		81
65) n-Nitrosodiphenylamine	10.45	169	1588940	44.60	ng		100
66) 4-Bromophenyl-phenylether	10.82	248	517005	41.39	ng		91
67) Hexachlorobenzene	10.89	284	549846	41.18	ng	#	90
68) Atrazine	10.98	200	444069	38.64	ng		98
69) Pentachlorophenol	11.08	266	532098	81.22	ng		99
70) Phenanthrene	11.30	178	2561046	39.33	ng		98
71) Anthracene	11.34	178	2476905	41.91	ng		100
72) Carbazole	11.50	167	2422500	45.32	ng		99
73) Di-n-butylphthalate	11.84	149	2514257	40.33	ng		99
74) Fluoranthene	12.48	202	2311208	40.04	ng		99
76) Benzidine	12.60	184	330407	11.91	ng		98
77) Pyrene	12.70	202	2502575	40.60	ng		99
79) Butylbenzylphthalate	13.33	149	1241417	44.29	ng		85
80) Benzo(a)anthracene	13.89	228	1750504	36.92	ng		100
81) 3,3'-Dichlorobenzidine	13.86	252	367088	20.41	ng	#	95
82) Chrysene	13.93	228	1747121	36.73	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	1249111	37.84	ng	#	97
84) Di-n-octyl phthalate	14.50	149	2428641	39.71	ng		99
85) Indeno(1,2,3-cd)pyrene	16.64	276	1786942	43.37	ng		98
87) Benzo(b)fluoranthene	14.91	252	2161308m	45.06	ng		
88) Benzo(k)fluoranthene	14.93	252	1329940m	32.51	ng		
89) Benzo(a)pyrene	15.24	252	1671897	39.27	ng		99
90) Dibenzo(a,h)anthracene	16.65	278	1434779	41.00	ng		98
91) Benzo(g,h,i)perylene	17.04	276	1520111	41.78	ng	#	93

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

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