Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090514.D
Acq On : 11 Oct 2016 20:52
Operator : UM/SJ
Sample : H5146-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0617MS

Manual Integrations APPROVED
sohil
10/12/2016 4:09:20 PM

Quant Time: Oct 12 01:25:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 16:14:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	214009	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	877019	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	464425	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	839605	20.00	ng		0.01
75) Chrysene-d12	14.13	240	739809	20.00	ng		0.00
86) Perylene-d12	15.61	264	499151	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	804920	58.51	ng		0.00
7) Phenol-d6	6.58	99	678319	39.08	ng		-0.01
23) Nitrobenzene-d5	7.51	82	1409749	87.18	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	678238	147.32	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	2395844	86.69	ng		0.00
78) Terphenyl-d14	13.08	244	2873828	94.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	106648	15.80	ng	#	86
3) Pyridine	3.42	79	289046m	15.50	ng		
4) n-Nitrosodimethylamine	3.35	42	115455	18.89	ng	#	42
6) Aniline	6.61	93	647233	29.39	ng		96
8) 2-Chlorophenol	6.74	128	525289	35.90	ng		94
9) Benzaldehyde	6.50	77	225220	20.59	ng		96
10) Phenol	6.59	94	281377	14.37	ng		97
11) bis(2-Chloroethyl)ether	6.68	93	575250	39.25	ng		95
12) 1,3-Dichlorobenzene	6.90	146	573677	36.34	ng		98
13) 1,4-Dichlorobenzene	6.97	146	550095	34.15	ng		98
14) 1,2-Dichlorobenzene	7.13	146	601120	41.06	ng		97
15) Benzyl Alcohol	7.09	79	389278	29.20	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	809669	38.55	ng		89
17) 2-Methylphenol	7.21	107	354486	29.78	ng		99
18) Hexachloroethane	7.47	117	215735	36.29	ng		98
19) n-Nitroso-di-n-propylamine	7.37	70	480413	43.39	ng	#	80
20) 3+4-Methylphenols	7.35	107	390976	25.95	ng	#	54
22) Acetophenone	7.37	105	868475	44.98	ng	#	85
24) Nitrobenzene	7.54	77	753520	43.45	ng		91
25) Isophorone	7.78	82	1279027	43.46	ng		99
26) 2-Nitrophenol	7.86	139	336421	42.52	ng		96
27) 2,4-Dimethylphenol	7.89	122	515531	38.33	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	778710	42.85	ng	#	96
29) 2,4-Dichlorophenol	8.10	162	474303	42.16	ng		95
30) 1,2,4-Trichlorobenzene	8.18	180	487469	37.72	ng		100
31) Naphthalene	8.27	128	1697173	38.84	ng		97
32) Benzoic acid	7.97	122	101070	9.52	ng		98
33) 4-Chloroaniline	8.30	127	652346	35.27	ng		97
34) Hexachlorobutadiene	8.38	225	270927	37.50	ng		99
35) Caprolactam	8.68	113	25936	7.11	ng	#	75
36) 4-Chloro-3-methylphenol	8.78	107	470288	35.80	ng		98
37) 2-Methylnaphthalene	8.95	142	1155534	39.40	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	558632	42.96	ng		98
40) Hexachlorocyclopentadiene	9.11	237	613789	95.11	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	347406	39.63	ng		96
43) 2,4,5-Trichlorophenol	9.27	196	357388	41.20	ng	#	90
45) 1,1'-Biphenyl	9.42	154	1512461	42.64	ng		96
46) 2-Chloronaphthalene	9.45	162	1153410	43.70	ng		97
47) 2-Nitroaniline	9.54	65	403416	42.85	ng		97
48) Acenaphthylene	9.86	152	1729125	40.61	ng		98
49) Dimethylphthalate	9.72	163	1277318	40.89	ng		100
50) 2,6-Dinitrotoluene	9.78	165	282543	40.96	ng		95
51) Acenaphthene	10.03	154	1214095	42.54	ng		99
52) 3-Nitroaniline	9.95	138	296766	34.68	ng		99
53) 2,4-Dinitrophenol	10.05	184	312604	81.69	ng	#	81
54) Dibenzofuran	10.21	168	1703704	44.87	ng		97
55) 4-Nitrophenol	10.11	139	241926	36.38	ng	#	72
56) 2,4-Dinitrotoluene	10.19	165	454191	49.79	ng		95
57) Fluorene	10.55	166	1327791	42.83	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	343435	47.46	ng		97
59) Diethylphthalate	10.42	149	1415191	44.55	ng	#	92
60) 4-Chlorophenyl-phenylether	10.54	204	685350	47.92	ng		92
61) 4-Nitroaniline	10.57	138	332359	38.07	ng		94
62) Azobenzene	10.70	77	1621564	46.74	ng		89
64) 4,6-Dinitro-2-methylphenol	10.59	198	215088	38.35	ng	#	85
65) n-Nitrosodiphenylamine	10.66	169	1057052	38.72	ng		98
66) 4-Bromophenyl-phenylether	11.03	248	440379	47.34	ng	#	89
67) Hexachlorobenzene	11.10	284	452107	43.99	ng	#	88
68) Atrazine	11.18	200	343400	40.64	ng		98
69) Pentachlorophenol	11.30	266	550280	89.98	ng		98
70) Phenanthrene	11.51	178	1950300	42.15	ng		99
71) Anthracene	11.56	178	1889139	40.30	ng		98
72) Carbazole	11.72	167	1987790	44.90	ng		98
73) Di-n-butylphthalate	12.05	149	2416075	45.31	ng	#	97
74) Fluoranthene	12.70	202	2085928	44.16	ng		95
76) Benzidine	12.82	184	1080759	46.48	ng		99
77) Pyrene	12.93	202	1957117	42.26	ng		100
79) Butylbenzylphthalate	13.55	149	997561	46.02	ng		89
80) Benzo(a)anthracene	14.12	228	1825646	41.41	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	609032	38.38	ng	#	98
82) Chrysene	14.17	228	1684489	41.04	ng		98
83) Bis(2-ethylhexyl)phthalate	14.11	149	1349018	42.64	ng	#	100
84) Di-n-octyl phthalate	14.73	149	2201444	44.93	ng	#	87
85) Indeno(1,2,3-cd)pyrene	17.08	276	1117375	32.70	ng		97
87) Benzo(b)fluoranthene	15.17	252	1727569	52.46	ng	#	95
88) Benzo(k)fluoranthene	15.21	252	1161664m	39.60	ng		
89) Benzo(a)pyrene	15.55	252	1312215	45.37	ng		98
90) Dibenzo(a,h)anthracene	17.10	278	973929	39.64	ng		97
91) Benzo(g,h,i)perylene	17.53	276	891411	39.23	ng		97

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

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