Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085636.D
Acq On : 21 Mar 2016 21:50
Operator : UM/SJ
Sample : H1841-10MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Manual Integrations APPROVED
Sohil
3/22/2016 5:33:55 PM

Quant Time: Mar 22 02:21:41 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	121813	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	470165	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	202602	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	309708	20.00	ng		-0.02
75) Chrysene-d12	14.00	240	243147	20.00	ng		-0.01
86) Perylene-d12	15.42	264	237547	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	814910	112.37	ng		-0.01
7) Phenol-d6	6.48	99	1103979	118.69	ng		-0.01
23) Nitrobenzene-d5	7.41	82	708823	87.51	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	249293	125.61	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1107545	96.52	ng		-0.01
78) Terphenyl-d14	12.95	244	779007	77.10	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	83559	23.70	ng		98
3) Pyridine	3.18	79	254565	29.41	ng		98
4) n-Nitrosodimethylamine	3.12	42	141594	39.18	ng		97
6) Aniline	6.50	93	452146	36.19	ng	#	87
8) 2-Chlorophenol	6.63	128	359088	42.80	ng		99
9) Benzaldehyde	6.39	77	54390	9.47	ng		95
10) Phenol	6.49	94	384123	36.26	ng		84
11) bis(2-Chloroethyl)ether	6.58	93	339766	42.54	ng		99
12) 1,3-Dichlorobenzene	6.78	146	325406m	35.59	ng		
13) 1,4-Dichlorobenzene	6.86	146	335932	36.02	ng		99
14) 1,2-Dichlorobenzene	7.02	146	324989	39.25	ng		97
15) Benzyl Alcohol	6.98	79	287719	45.16	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	425337	40.50	ng		98
17) 2-Methylphenol	7.11	107	309699	44.53	ng		99
18) Hexachloroethane	7.35	117	118704	35.25	ng	#	77
19) n-Nitroso-di-n-propylamine	7.27	70	240041	43.20	ng		95
20) 3+4-Methylphenols	7.26	107	325473	40.41	ng		96
22) Acetophenone	7.26	105	437182	39.18	ng	#	98
24) Nitrobenzene	7.43	77	360043	40.61	ng		98
25) Isophorone	7.67	82	682784	42.10	ng		99
26) 2-Nitrophenol	7.75	139	201882	46.07	ng		95
27) 2,4-Dimethylphenol	7.78	122	324059	41.82	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	439705	47.67	ng		99
29) 2,4-Dichlorophenol	7.99	162	288860	45.14	ng		100
30) 1,2,4-Trichlorobenzene	8.07	180	286299	39.94	ng		98
31) Naphthalene	8.15	128	923485	38.91	ng		100
32) Benzoic acid	7.90	122	117379	18.12	ng		87
33) 4-Chloroaniline	8.21	127	358570	36.86	ng		97
34) Hexachlorobutadiene	8.28	225	150149	39.31	ng		99
35) Caprolactam	8.57	113	98806	44.88	ng		93
36) 4-Chloro-3-methylphenol	8.69	107	305902	40.93	ng		97
37) 2-Methylnaphthalene	8.85	142	679734	46.99	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	250369	40.74	ng		99
40) Hexachlorocyclopentadiene	9.00	237	110582	39.92	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	191342	45.48	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	199718	46.65	ng	#	92
45) 1,1'-Biphenyl	9.30	154	687672	39.35	ng		98
46) 2-Chloronaphthalene	9.33	162	546455	42.80	ng	#	91
47) 2-Nitroaniline	9.43	65	195073	50.51	ng		96
48) Acenaphthylene	9.75	152	916678	44.37	ng		99
49) Dimethylphthalate	9.61	163	946925	61.94	ng		100
50) 2,6-Dinitrotoluene	9.67	165	139921	43.35	ng		95
51) Acenaphthene	9.92	154	590623	45.55	ng		99
52) 3-Nitroaniline	9.84	138	162886	40.29	ng		91
53) 2,4-Dinitrophenol	9.94	184	65769	33.26	ng		100
54) Dibenzofuran	10.09	168	789040	49.97	ng		97
55) 4-Nitrophenol	10.00	139	222675	71.27	ng		89
56) 2,4-Dinitrotoluene	10.08	165	188741	44.66	ng		96
57) Fluorene	10.44	166	569029	43.24	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	142600	46.26	ng		99
59) Diethylphthalate	10.31	149	720969	47.43	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	287915	44.81	ng		93
61) 4-Nitroaniline	10.45	138	144331	36.22	ng		87
62) Azobenzene	10.58	77	693662	47.56	ng		96
64) 4,6-Dinitro-2-methylphenol	10.48	198	58639	29.59	ng		91
65) n-Nitrosodiphenylamine	10.54	169	501704	52.00	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	170464	55.10	ng	#	89
67) Hexachlorobenzene	10.98	284	166466	50.64	ng	#	89
68) Atrazine	11.08	200	168492	57.36	ng		96
69) Pentachlorophenol	11.18	266	169989	85.18	ng		98
70) Phenanthrene	11.38	178	763684	46.77	ng		99
71) Anthracene	11.44	178	767697	44.84	ng		99
72) Carbazole	11.60	167	716026	48.47	ng		97
73) Di-n-butylphthalate	11.93	149	930637	50.31	ng		98
74) Fluoranthene	12.57	202	657941	38.48	ng		97
76) Benzidine	12.70	184	460273	56.29	ng		98
77) Pyrene	12.80	202	680064	38.95	ng		99
79) Butylbenzylphthalate	13.42	149	315363	37.90	ng	#	76
80) Benzo(a)anthracene	13.99	228	618757	43.84	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	184964	35.76	ng	#	97
82) Chrysene	14.03	228	499959	36.82	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	420384	40.66	ng	#	99
84) Di-n-octyl phthalate	14.60	149	772925	45.88	ng		98
85) Indeno(1,2,3-cd)pyrene	16.83	276	630419	55.56	ng		99
87) Benzo(b)fluoranthene	15.02	252	637959m	41.16	ng		
88) Benzo(k)fluoranthene	15.04	252	564407m	44.20	ng		
89) Benzo(a)pyrene	15.36	252	602037	45.82	ng		98
90) Dibenzo(a,h)anthracene	16.84	278	541999	49.45	ng		98
91) Benzo(g,h,i)perylene	17.24	276	497891	46.93	ng		97

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

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