Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085730.D
Acq On : 24 Mar 2016 23:02
Operator : UM/SJ
Sample : H1864-14MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-1MS

Manual Integrations APPROVED
Sohil
3/25/2016 5:56:53 PM

Quant Time: Mar 25 15:15:24 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 14:15:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	115763	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	468004	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	214573	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	412685	20.00	ng		0.00
75) Chrysene-d12	13.98	240	254561	20.00	ng		0.00
86) Perylene-d12	15.40	264	207249	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	427289	61.47	ng		0.01
7) Phenol-d6	6.46	99	372717	42.17	ng		0.00
23) Nitrobenzene-d5	7.40	82	717100	86.29	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	306003	150.10	ng		0.01
44) 2-Fluorobiphenyl	9.19	172	1142259	88.94	ng		0.00
78) Terphenyl-d14	12.93	244	928335	75.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	48282	14.55	ng		100
3) Pyridine	3.19	79	101988	12.82	ng		98
4) n-Nitrosodimethylamine	3.10	42	59570	18.70	ng		94
6) Aniline	6.48	93	287603	24.18	ng		95
8) 2-Chlorophenol	6.61	128	275712	34.14	ng		96
9) Benzaldehyde	6.37	77	51452	9.66	ng		95
10) Phenol	6.47	94	149048	14.89	ng		98
11) bis(2-Chloroethyl)ether	6.56	93	324133m	42.07	ng		
12) 1,3-Dichlorobenzene	6.77	146	304171	34.97	ng		99
13) 1,4-Dichlorobenzene	6.84	146	300881	34.11	ng		98
14) 1,2-Dichlorobenzene	7.00	146	306575	37.30	ng		99
15) Benzyl Alcohol	6.97	79	179199	30.39	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	392071	38.35	ng		96
17) 2-Methylphenol	7.09	107	185605	28.71	ng		98
18) Hexachloroethane	7.34	117	113496	35.14	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	239810	45.32	ng		97
20) 3+4-Methylphenols	7.25	107	203262	26.15	ng	#	79
22) Acetophenone	7.24	105	418963	38.43	ng		95
24) Nitrobenzene	7.41	77	323246	37.73	ng		95
25) Isophorone	7.65	82	630945	39.41	ng		99
26) 2-Nitrophenol	7.73	139	164155	38.30	ng	#	89
27) 2,4-Dimethylphenol	7.77	122	287865	38.43	ng		97
28) bis(2-Chloroethoxy)methane	7.86	93	398242	43.66	ng		99
29) 2,4-Dichlorophenol	7.98	162	240580	38.20	ng		92
30) 1,2,4-Trichlorobenzene	8.06	180	259724	37.15	ng		93
31) Naphthalene	8.14	128	899290	38.13	ng		98
32) Benzoic acid	7.88	122	61785	12.42	ng		98
33) 4-Chloroaniline	8.18	127	281359	29.22	ng	#	95
34) Hexachlorobutadiene	8.25	225	134883	35.50	ng		100
35) Caprolactam	8.66	113	28627m	12.83	ng		
36) 4-Chloro-3-methylphenol	8.66	107	259423	35.27	ng		95
37) 2-Methylnaphthalene	8.82	142	604285	43.63	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	258706	40.66	ng		100
40) Hexachlorocyclopentadiene	8.97	237	163013	63.60	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	179701	41.81	ng		97
43) 2,4,5-Trichlorophenol	9.16	196	194627	43.18	ng	#	95
45) 1,1'-Biphenyl	9.29	154	761803	42.07	ng		96
46) 2-Chloronaphthalene	9.32	162	574346	43.14	ng		96
47) 2-Nitroaniline	9.42	65	175056	43.00	ng	#	67
48) Acenaphthylene	9.73	152	862942	39.78	ng		100
49) Dimethylphthalate	9.60	163	700664	43.04	ng		98
50) 2,6-Dinitrotoluene	9.66	165	161464	46.08	ng	#	79
51) Acenaphthene	9.90	154	494726	37.34	ng		99
52) 3-Nitroaniline	9.83	138	116475	29.04	ng	#	77
53) 2,4-Dinitrophenol	9.93	184	139233	78.75	ng		94
54) Dibenzofuran	10.07	168	736052	42.92	ng		97
55) 4-Nitrophenol	9.99	139	75753	28.99	ng	#	70
56) 2,4-Dinitrotoluene	10.06	165	175185	39.33	ng	#	56
57) Fluorene	10.41	166	559311	39.23	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	152227m	48.60	ng		
59) Diethylphthalate	10.29	149	648455	40.32	ng		96
60) 4-Chlorophenyl-phenylether	10.40	204	261449	37.51	ng		93
61) 4-Nitroaniline	10.44	138	128440	33.48	ng		88
62) Azobenzene	10.56	77	675636	43.71	ng		97
64) 4,6-Dinitro-2-methylphenol	10.47	198	103438	42.80	ng	#	80
65) n-Nitrosodiphenylamine	10.53	169	515675	39.45	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	166875	39.52	ng	#	91
67) Hexachlorobenzene	10.96	284	188094	42.60	ng	#	92
68) Atrazine	11.08	200	159112	36.05	ng		97
69) Pentachlorophenol	11.16	266	193099	89.08	ng		98
70) Phenanthrene	11.37	178	871368	41.12	ng		99
71) Anthracene	11.43	178	950445	42.73	ng		99
72) Carbazole	11.58	167	730206	39.10	ng		99
73) Di-n-butylphthalate	11.91	149	965833	37.69	ng		99
74) Fluoranthene	12.56	202	902514	40.07	ng		90
77) Pyrene	12.79	202	886053	42.34	ng		100
79) Butylbenzylphthalate	13.41	149	375530	42.85	ng		98
80) Benzo(a)anthracene	13.97	228	576763	39.74	ng		99
82) Chrysene	14.00	228	521319	35.66	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	443800	42.30	ng		99
84) Di-n-octyl phthalate	14.57	149	729819	46.78	ng		99
85) Indeno(1,2,3-cd)pyrene	16.78	276	569086	50.41	ng		99
87) Benzo(b)fluoranthene	15.00	252	541317m	41.46	ng		
88) Benzo(k)fluoranthene	15.02	252	456443m	38.78	ng		
89) Benzo(a)pyrene	15.34	252	479836	41.39	ng		99
90) Dibenzo(a,h)anthracene	16.80	278	481498	44.70	ng		96
91) Benzo(g,h,i)perylene	17.20	276	486827	44.64	ng		96

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

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