Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086229.D
Acq On : 15 Apr 2016 21:13
Operator : UM/SJ
Sample : H2402-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
H2402-04MSMSD

Manual Integrations APPROVED
Sohil
4/18/2016 7:30:27 PM

Quant Time: Apr 16 01:25:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 15:56:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	298325	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1177860	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	535314	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	933251	20.00	ng		0.01
75) Chrysene-d12	14.05	240	474675	20.00	ng		0.00
86) Perylene-d12	15.48	264	479697	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1236322	67.90	ng		0.01
7) Phenol-d6	6.51	99	985219	43.26	ng		-0.01
23) Nitrobenzene-d5	7.46	82	1975721	96.75	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	480506	111.78	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	2607514	89.88	ng		0.00
78) Terphenyl-d14	13.00	244	1754586	92.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	173875	17.32	ng		97
3) Pyridine	3.30	79	430170	16.43	ng		96
4) n-Nitrosodimethylamine	3.22	42	192312	20.33	ng	#	68
6) Aniline	6.56	93	944396	28.77	ng		97
8) 2-Chlorophenol	6.68	128	775845	37.67	ng	#	79
9) Benzaldehyde	6.44	77	312377	19.33	ng		94
10) Phenol	6.53	94	419245	15.46	ng		85
11) bis(2-Chloroethyl)ether	6.62	93	897029	43.96	ng	#	82
12) 1,3-Dichlorobenzene	6.83	146	920774	42.13	ng		99
13) 1,4-Dichlorobenzene	6.91	146	874189	41.99	ng		99
14) 1,2-Dichlorobenzene	7.07	146	839131	45.41	ng		98
15) Benzyl Alcohol	7.04	79	580375	35.92	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1514470	47.64	ng		99
17) 2-Methylphenol	7.15	107	613570	35.75	ng		93
18) Hexachloroethane	7.41	117	345218	43.96	ng		96
19) n-Nitroso-di-n-propylamine	7.31	70	660165	45.29	ng	#	82
20) 3+4-Methylphenols	7.30	107	504504	26.24	ng	#	82
22) Acetophenone	7.31	105	1209330	58.74	ng	#	99
24) Nitrobenzene	7.48	77	1105023	49.49	ng		98
25) Isophorone	7.72	82	1946405	48.03	ng		99
26) 2-Nitrophenol	7.80	139	515353	52.94	ng	#	67
27) 2,4-Dimethylphenol	7.84	122	873239	44.42	ng		98
28) bis(2-Chloroethoxy)methane	7.94	93	1255887	52.72	ng		98
29) 2,4-Dichlorophenol	8.03	162	713270	47.72	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	705173	45.08	ng		99
31) Naphthalene	8.20	128	2384397	45.33	ng		99
32) Benzoic acid	7.92	122	222185	17.68	ng		94
33) 4-Chloroaniline	8.25	127	780143	33.18	ng		99
34) Hexachlorobutadiene	8.33	225	355690	45.38	ng		98
35) Caprolactam	8.67	113	42103	7.78	ng	#	80
36) 4-Chloro-3-methylphenol	8.73	107	798905	46.12	ng		95
37) 2-Methylnaphthalene	8.90	142	1700039	49.99	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	507234	44.84	ng		98
40) Hexachlorocyclopentadiene	9.05	237	584100	92.56	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	506269	48.01	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	474895	46.62	ng	#	94
45) 1,1'-Biphenyl	9.36	154	1850896	48.03	ng		99
46) 2-Chloronaphthalene	9.39	162	1553621	49.38	ng		93
47) 2-Nitroaniline	9.47	65	572332	56.15	ng		97
48) Acenaphthylene	9.80	152	2384216	47.63	ng		99
49) Dimethylphthalate	9.66	163	1693432	43.51	ng		98
50) 2,6-Dinitrotoluene	9.72	165	421570	48.95	ng	#	77
51) Acenaphthene	9.97	154	1620894	54.20	ng		100
52) 3-Nitroaniline	9.88	138	311078	29.72	ng		99
53) 2,4-Dinitrophenol	10.00	184	435642	133.58	ng	#	72
54) Dibenzofuran	10.14	168	1951432	49.41	ng		93
55) 4-Nitrophenol	10.04	139	314894	38.46	ng	#	61
56) 2,4-Dinitrotoluene	10.12	165	541971	49.16	ng	#	72
57) Fluorene	10.49	166	1374819	51.48	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	379257	51.26	ng		97
59) Diethylphthalate	10.36	149	1822788	45.37	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	549594	50.12	ng		95
61) 4-Nitroaniline	10.50	138	394796	43.65	ng		92
62) Azobenzene	10.64	77	2002197	50.94	ng		96
64) 4,6-Dinitro-2-methylphenol	10.53	198	286527	64.51	ng	#	45
65) n-Nitrosodiphenylamine	10.60	169	1433546	50.16	ng		100
66) 4-Bromophenyl-phenylether	10.97	248	393274	45.22	ng	#	86
67) Hexachlorobenzene	11.04	284	463454	50.85	ng	#	74
68) Atrazine	11.13	200	372875	42.57	ng		99
69) Pentachlorophenol	11.22	266	483770	87.53	ng		97
70) Phenanthrene	11.45	178	2204061	49.45	ng		99
71) Anthracene	11.49	178	2107867	56.14	ng		100
72) Carbazole	11.65	167	2197401	51.84	ng		98
73) Di-n-butylphthalate	11.98	149	2417133	42.17	ng		99
74) Fluoranthene	12.62	202	2028604	54.00	ng		98
76) Benzidine	12.75	184	84539	4.59	ng		99
77) Pyrene	12.85	202	1961830	53.87	ng		99
79) Butylbenzylphthalate	13.48	149	982560	58.41	ng	#	84
80) Benzo(a)anthracene	14.04	228	1278631	49.07	ng		100
81) 3,3'-Dichlorobenzidine	14.01	252	249984	16.55	ng	#	98
82) Chrysene	14.08	228	1246557	44.87	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	919139	50.60	ng	#	98
84) Di-n-octyl phthalate	14.66	149	1984111	56.67	ng		98
85) Indeno(1,2,3-cd)pyrene	16.90	276	1700229	74.45	ng		96
87) Benzo(b)fluoranthene	15.07	252	1585981m	53.59	ng		
88) Benzo(k)fluoranthene	15.11	252	977661m	36.23	ng		
89) Benzo(a)pyrene	15.43	252	1317528	51.39	ng		98
90) Dibenzo(a,h)anthracene	16.92	278	1379055	60.87	ng	#	95
91) Benzo(g,h,i)perylene	17.33	276	1521077	63.14	ng	#	94

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

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