Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
Data File : BF076781.D
Acq On : 8 Jan 2015 18:05
Operator : IZ / TP
Sample : G1017-03MSD
Misc : S DOD
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0403MSD

Manual Integrations APPROVED
TEJASKUMAR
1/9/2015 5:22:54 PM

Quant Time: Jan 09 11:52:38 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 08 09:08:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	41284	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	174622	20.00	ng		0.00
38) Acenaphthene-d10	15.18	164	99555	20.00	ng		-0.01
63) Phenanthrene-d10	17.90	188	165335	20.00	ng		0.00
75) Chrysene-d12	21.39	240	154345	20.00	ng		-0.01
86) Perylene-d12	23.04	264	139246	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	244897	100.57	ng		0.00
7) Phenol-d6	7.52	99	316378	106.38	ng		0.00
23) Nitrobenzene-d5	9.43	82	195474	66.57	ng		0.00
41) 2,4,6-Tribromophenol	16.81	330	80755	95.97	ng		0.00
44) 2-Fluorobiphenyl	13.69	172	400459	62.60	ng		-0.01
78) Terphenyl-d14	20.12	244	399307	57.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.40	88	24377	23.42	ng	#	100
3) Pyridine	1.91	79	74849	28.57	ng		96
4) n-Nitrosodimethylamine	1.86	42	43306	34.16	ng		93
6) Aniline	7.42	93	47109	11.09	ng	#	82
8) 2-Chlorophenol	7.66	128	93394	33.49	ng		98
10) Phenol	7.54	94	123825	34.30	ng		80
11) bis(2-Chloroethyl)ether	7.66	93	91282	35.13	ng	#	72
12) 1,3-Dichlorobenzene	7.98	146	97737	30.19	ng		96
13) 1,4-Dichlorobenzene	8.17	146	102117	31.14	ng		97
14) 1,2-Dichlorobenzene	8.48	146	99594	32.03	ng		95
15) Benzyl Alcohol	8.55	79	80560	31.28	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.90	45	119962	31.87	ng	#	25
17) 2-Methylphenol	8.89	107	73148	31.92	ng	#	93
18) Hexachloroethane	9.24	117	39427	33.64	ng	#	89
19) n-Nitroso-di-n-propylamine	9.19	70	71969	33.13	ng		94
20) 3+4-Methylphenols	9.28	107	99713	32.22	ng		97
22) Acetophenone	9.11	105	150364	35.93	ng	#	96
24) Nitrobenzene	9.46	77	111427	36.60	ng		97
25) Isophorone	10.06	82	198992	35.16	ng	#	92
26) 2-Nitrophenol	10.21	139	49288	33.15	ng	#	83
27) 2,4-Dimethylphenol	10.47	122	84380	35.06	ng		92
28) bis(2-Chloroethoxy)methane	10.69	93	119070	35.84	ng		96
29) 2,4-Dichlorophenol	10.81	162	79662	33.68	ng		99
30) 1,2,4-Trichlorobenzene	10.95	180	85736	33.62	ng		98
31) Naphthalene	11.09	128	297582	34.40	ng		99
32) Benzoic acid	10.79	122	39263m	29.26	ng		
33) 4-Chloroaniline	11.33	127	41457	11.74	ng	#	95
34) Hexachlorobutadiene	11.45	225	48795	32.92	ng		94
35) Caprolactam	12.13	113	25906m	37.99	ng		
36) 4-Chloro-3-methylphenol	12.62	107	90349	34.32	ng		97
37) 2-Methylnaphthalene	12.75	142	206475	34.21	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	87434	35.70	ng	#	80
40) Hexachlorocyclopentadiene	13.13	237	81729	59.54	ng		95
42) 2,4,6-Trichlorophenol	13.49	196	56430	31.76	ng		99

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.58	196	57665	30.17	ng		96
45) 1,1'-Biphenyl	13.90	154	258301	34.92	ng		99
46) 2-Chloronaphthalene	13.88	162	199503	34.01	ng		97
47) 2-Nitroaniline	14.22	65	66149	37.07	ng	#	83
48) Acenaphthylene	14.84	152	324701	32.54	ng		100
49) Dimethylphthalate	14.77	163	283428	40.25	ng		100
50) 2,6-Dinitrotoluene	14.86	165	50070	34.70	ng	#	70
51) Acenaphthene	15.26	154	186275	33.00	ng		97
52) 3-Nitroaniline	15.21	138	34798	21.24	ng		98
53) 2,4-Dinitrophenol	15.49	184	28055	42.90	ng	#	89
54) Dibenzofuran	15.67	168	275353	33.72	ng		98
55) 4-Nitrophenol	15.77	139	80044	63.72	ng	#	80
56) 2,4-Dinitrotoluene	15.77	165	72679	37.80	ng	#	49
57) Fluorene	16.37	166	238615	34.79	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.99	232	48121	33.85	ng	#	100
59) Diethylphthalate	16.35	149	260062	36.15	ng		99
60) 4-Chlorophenyl-phenylether	16.45	204	100465	33.85	ng	#	84
61) 4-Nitroaniline	16.49	138	50152	29.12	ng		93
62) Azobenzene	16.72	77	252920	35.68	ng		89
64) 4,6-Dinitro-2-methylphenol	16.56	198	27048	26.15	ng	#	79
65) n-Nitrosodiphenylamine	16.68	169	190296	32.76	ng		97
66) 4-Bromophenyl-phenylether	17.27	248	59900	37.19	ng		91
67) Hexachlorobenzene	17.29	284	59635	31.73	ng	#	82
68) Atrazine	17.63	200	74134	42.72	ng		99
69) Pentachlorophenol	17.65	266	53205	57.82	ng		97
70) Phenanthrene	17.93	178	343435	34.43	ng		100
71) Anthracene	18.00	178	337712	34.51	ng		98
72) Carbazole	18.29	167	322039	33.93	ng		99
73) Di-n-butylphthalate	18.86	149	409967	35.16	ng		99
74) Fluoranthene	19.57	202	348501	34.21	ng		96
76) Benzidine	19.80	184	154799	24.07	ng		99
77) Pyrene	19.85	202	363690	33.68	ng		98
79) Butylbenzylphthalate	20.77	149	178364	34.55	ng	#	81
80) Benzo(a)anthracene	21.37	228	323583	33.67	ng		99
81) 3,3'-Dichlorobenzidine	21.39	252	66777	20.78	ng		98
82) Chrysene	21.42	228	292641	33.27	ng		99
83) Bis(2-ethylhexyl)phthalate	21.51	149	261237	33.45	ng	#	96
84) Di-n-octyl phthalate	22.28	149	447178	33.53	ng		100
85) Indeno(1,2,3-cd)pyrene	24.19	276	302934m	31.39	ng		
87) Benzo(b)fluoranthene	22.63	252	304789	33.18	ng	#	98
88) Benzo(k)fluoranthene	22.65	252	275274m	32.17	ng		
89) Benzo(a)pyrene	22.99	252	283755	34.62	ng		97
90) Dibenzo(a,h)anthracene	24.21	278	256052m	31.52	ng		
91) Benzo(g,h,i)perylene	24.49	276	256576m	32.46	ng		

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

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