Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
Data File : BF079572.D
Acq On : 29 May 2015 21:04
Operator : TP/IZ
Sample : G2419-06MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-05MSD

Manual Integrations APPROVED
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6/1/2015 4:21:13 PM

Quant Time: May 30 00:24:27 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 23:13:06 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	104371	20.00	ng		0.00
21) Naphthalene-d8	8.52	136	440482	20.00	ng		-0.01
38) Acenaphthene-d10	10.70	164	219550	20.00	ng		0.00
63) Phenanthrene-d10	12.53	188	381339	20.00	ng		0.00
75) Chrysene-d12	15.83	240	353633	20.00	ng		-0.05
86) Perylene-d12	17.66	264	379524	20.00	ng		-0.15
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	258183	42.91	ng		0.00
7) Phenol-d6	6.55	99	208031	27.12	ng		0.00
23) Nitrobenzene-d5	7.66	82	476456	62.53	ng		0.00
41) 2,4,6-Tribromophenol	11.68	330	215745	89.47	ng		0.00
44) 2-Fluorobiphenyl	9.88	172	918601	59.69	ng		0.00
78) Terphenyl-d14	14.53	244	859778	57.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.78	88	39462	13.79	ng	#	100
3) Pyridine	2.46	79	51399	8.15	ng		96
4) n-Nitrosodimethylamine	2.36	42	37653	12.13	ng	#	95
6) Aniline	6.55	93	138108	12.69	ng		94
8) 2-Chlorophenol	6.68	128	177163	25.29	ng		94
9) Benzaldehyde	6.40	77	25526	3.92	ng		99
10) Phenol	6.57	94	84417	9.35	ng		97
11) bis(2-Chloroethyl)ether	6.65	93	228139	34.92	ng		97
12) 1,3-Dichlorobenzene	6.87	146	206367	26.59	ng		99
13) 1,4-Dichlorobenzene	6.97	146	217034	27.41	ng		99
14) 1,2-Dichlorobenzene	7.15	146	206762	28.12	ng		99
15) Benzyl Alcohol	7.15	79	119496	21.20	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.32	45	306613	32.07	ng		89
17) 2-Methylphenol	7.31	107	119132	21.65	ng		94
18) Hexachloroethane	7.56	117	70578	25.90	ng		99
19) n-Nitroso-di-n-propylamine	7.48	70	172299	31.93	ng	#	94
20) 3+4-Methylphenols	7.51	107	141845	18.76	ng		91
22) Acetophenone	7.47	105	333515	33.80	ng	#	91
24) Nitrobenzene	7.68	77	244260	32.52	ng	#	87
25) Isophorone	7.98	82	433562	31.22	ng	#	93
26) 2-Nitrophenol	8.07	139	109240	30.72	ng	#	87
27) 2,4-Dimethylphenol	8.16	122	173352	27.12	ng		99
28) bis(2-Chloroethoxy)methane	8.26	93	278172	32.31	ng		97
29) 2,4-Dichlorophenol	8.38	162	178743	30.53	ng		93
30) 1,2,4-Trichlorobenzene	8.47	180	185857	30.60	ng		96
31) Naphthalene	8.56	128	649827	30.74	ng		99
32) Benzoic acid	8.27	122	34037	8.58	ng		97
33) 4-Chloroaniline	8.65	127	138926	15.73	ng	#	94
34) Hexachlorobutadiene	8.71	225	96590	27.96	ng		99
35) Caprolactam	9.10	113	8324	4.51	ng		95
36) 4-Chloro-3-methylphenol	9.27	107	167314	27.55	ng	#	84
37) 2-Methylnaphthalene	9.42	142	478658	32.61	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.62	216	190605	31.04	ng	#	100
40) Hexachlorocyclopentadiene	9.60	237	101239	61.40	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.78	196	120628	28.13	ng		97
43) 2,4,5-Trichlorophenol	9.83	196	127635	29.90	ng	#	86
45) 1,1'-Biphenyl	10.00	154	556456	32.45	ng		98
46) 2-Chloronaphthalene	10.01	162	412024	30.42	ng		97
47) 2-Nitroaniline	10.16	65	123543	30.68	ng	#	66
48) Acenaphthylene	10.52	152	687643	30.59	ng		99
49) Dimethylphthalate	10.40	163	501617	31.01	ng		99
50) 2,6-Dinitrotoluene	10.47	165	104635	32.38	ng	#	68
51) Acenaphthene	10.73	154	378924	29.48	ng		99
52) 3-Nitroaniline	10.67	138	64938	15.45	ng	#	75
53) 2,4-Dinitrophenol	10.81	184	77578	64.03	ng	#	76
54) Dibenzofuran	10.95	168	583753	30.79	ng		99
55) 4-Nitrophenol	10.92	139	41257m	17.70	ng		
56) 2,4-Dinitrotoluene	10.97	165	139948	32.29	ng	#	75
57) Fluorene	11.37	166	467697	29.93	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.12	232	93205	30.01	ng	#	100
59) Diethylphthalate	11.27	149	471413	29.77	ng		97
60) 4-Chlorophenyl-phenylether	11.38	204	213680	31.64	ng		98
61) 4-Nitroaniline	11.43	138	86716	22.14	ng		85
62) Azobenzene	11.58	77	492851	32.00	ng		98
64) 4,6-Dinitro-2-methylphenol	11.47	198	56506	32.04	ng	#	76
65) n-Nitrosodiphenylamine	11.54	169	415535	32.81	ng		100
66) 4-Bromophenyl-phenylether	11.99	248	134501	34.25	ng		95
67) Hexachlorobenzene	12.05	284	148201	33.10	ng		97
68) Atrazine	12.23	200	117620	34.38	ng		99
69) Pentachlorophenol	12.31	266	121160	70.64	ng		98
70) Phenanthrene	12.56	178	667066	31.89	ng		99
71) Anthracene	12.62	178	662118	31.17	ng		99
72) Carbazole	12.83	167	630033	30.81	ng		99
73) Di-n-butylphthalate	13.29	149	750272	32.25	ng		99
74) Fluoranthene	14.03	202	699739	31.19	ng		98
77) Pyrene	14.31	202	723104	33.01	ng		100
79) Butylbenzylphthalate	15.15	149	329558	33.45	ng		90
80) Benzo(a)anthracene	15.82	228	634553	31.19	ng		100
81) 3,3'-Dichlorobenzidine	15.81	252	42497	5.70	ng	#	99
82) Chrysene	15.86	228	616001	31.86	ng		100
83) Bis(2-ethylhexyl)phthalate	15.90	149	465475	32.98	ng		99
84) Di-n-octyl phthalate	16.73	149	800059	32.57	ng		99
85) Indeno(1,2,3-cd)pyrene	19.01	276	783105m	31.49	ng		
87) Benzo(b)fluoranthene	17.18	252	675981	31.23	ng	#	97
88) Benzo(k)fluoranthene	17.21	252	635361m	32.82	ng		
89) Benzo(a)pyrene	17.59	252	638698	33.14	ng		99
90) Dibenzo(a,h)anthracene	19.03	278	643294	31.95	ng		99
91) Benzo(g,h,i)perylene	19.38	276	654236	33.01	ng		96

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

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