Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079385.D
Acq On : 20 May 2015 18:31
Operator : TP/IZ
Sample : G2305-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KM-SP-001-150518MSD

Manual Integrations APPROVED
apatel
5/21/2015 4:27:52 PM

Quant Time: May 21 01:47:31 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 21 00:52:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.08	152	73215	20.00	ng		0.00
21) Naphthalene-d8	8.66	136	299791	20.00	ng		0.00
38) Acenaphthene-d10	10.83	164	145671	20.00	ng		0.00
63) Phenanthrene-d10	12.67	188	280550	20.00	ng		0.00
75) Chrysene-d12	15.95	240	283213	20.00	ng		-0.02
86) Perylene-d12	17.68	264	289249	20.00	ng		-0.14
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	525972m	123.66	ng		0.00
7) Phenol-d6	6.66	99	656365	116.75	ng		0.00
23) Nitrobenzene-d5	7.78	82	377308	72.33	ng		0.00
41) 2,4,6-Tribromophenol	11.82	330	195791	124.24	ng		0.00
44) 2-Fluorobiphenyl	10.01	172	701784	67.12	ng		0.00
78) Terphenyl-d14	14.66	244	830549	70.21	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.96	88	68119m	36.83	ng		
3) Pyridine	2.64	79	176763m	32.66	ng		
4) n-Nitrosodimethylamine	2.56	42	81450m	35.13	ng		
6) Aniline	6.67	93	146685m	18.48	ng		
8) 2-Chlorophenol	6.82	128	195794	40.59	ng		85
9) Benzaldehyde	6.54	77	33776	8.92	ng		93
10) Phenol	6.68	94	241777	37.07	ng		90
11) bis(2-Chloroethyl)ether	6.79	93	191051m	39.96	ng		
12) 1,3-Dichlorobenzene	7.00	146	197646	36.45	ng	#	91
13) 1,4-Dichlorobenzene	7.11	146	207430	37.17	ng		99
14) 1,2-Dichlorobenzene	7.29	146	197581	38.03	ng		100
15) Benzyl Alcohol	7.28	79	156583	37.52	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.46	45	267970	36.63	ng		94
17) 2-Methylphenol	7.43	107	155271	40.00	ng		96
18) Hexachloroethane	7.70	117	67841	35.30	ng	#	83
19) n-Nitroso-di-n-propylamine	7.61	70	139931	36.85	ng		99
20) 3+4-Methylphenols	7.62	107	203062	39.26	ng	#	46
22) Acetophenone	7.60	105	267428	39.48	ng	#	90
24) Nitrobenzene	7.80	77	197568	38.21	ng		92
25) Isophorone	8.11	82	367949	38.05	ng		98
26) 2-Nitrophenol	8.20	139	94020	43.93	ng		95
27) 2,4-Dimethylphenol	8.27	122	175380	40.95	ng		97
28) bis(2-Chloroethoxy)methane	8.39	93	225158	37.77	ng		99
29) 2,4-Dichlorophenol	8.50	162	163753	43.00	ng		92
30) 1,2,4-Trichlorobenzene	8.60	180	158366	37.86	ng		95
31) Naphthalene	8.70	128	544907	38.15	ng		98
32) Benzoic acid	8.38	122	38362	18.73	ng		99
33) 4-Chloroaniline	8.78	127	117884	19.50	ng	#	88
34) Hexachlorobutadiene	8.84	225	88659	36.80	ng		98
35) Caprolactam	9.20	113	48744m	39.59	ng		
36) 4-Chloro-3-methylphenol	9.38	107	164472	41.12	ng		85
37) 2-Methylnaphthalene	9.55	142	388034	39.20	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.76	216	156557	38.16	ng		98
40) Hexachlorocyclopentadiene	9.74	237	112895	54.72	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.91	196	106894	37.90	ng		98
43) 2,4,5-Trichlorophenol	9.95	196	113963	39.97	ng	#	93
45) 1,1'-Biphenyl	10.14	154	460460	39.76	ng		99
46) 2-Chloronaphthalene	10.15	162	338408	37.46	ng		97
47) 2-Nitroaniline	10.28	65	102077	39.00	ng	#	79
48) Acenaphthylene	10.66	152	581381	39.20	ng		98
49) Dimethylphthalate	10.52	163	470126	43.97	ng		99
50) 2,6-Dinitrotoluene	10.59	165	83418	39.54	ng	#	45
51) Acenaphthene	10.88	154	325755	36.83	ng		100
52) 3-Nitroaniline	10.80	138	77000	29.22	ng		82
53) 2,4-Dinitrophenol	10.94	184	40558	56.79	ng	#	79
54) Dibenzofuran	11.08	168	486662	38.09	ng		96
55) 4-Nitrophenol	11.03	139	148611	71.24	ng	#	70
56) 2,4-Dinitrotoluene	11.10	165	119011	42.67	ng		96
57) Fluorene	11.52	166	398122	37.97	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.24	232	87314	37.47	ng		97
59) Diethylphthalate	11.40	149	407752	38.50	ng		96
60) 4-Chlorophenyl-phenylether	11.53	204	175616	37.75	ng	#	86
61) 4-Nitroaniline	11.55	138	103547	39.27	ng		88
62) Azobenzene	11.73	77	390342	37.40	ng		88
64) 4,6-Dinitro-2-methylphenol	11.60	198	42957	39.58	ng		79
65) n-Nitrosodiphenylamine	11.68	169	347098	37.15	ng		100
66) 4-Bromophenyl-phenylether	12.13	248	108300	37.03	ng		95
67) Hexachlorobenzene	12.18	284	123721	37.02	ng		96
68) Atrazine	12.35	200	111852	41.17	ng		96
69) Pentachlorophenol	12.45	266	114994	60.62	ng		98
70) Phenanthrene	12.70	178	565439	36.03	ng		99
71) Anthracene	12.77	178	591037	38.39	ng		100
72) Carbazole	12.97	167	556622	37.93	ng		99
73) Di-n-butylphthalate	13.43	149	663253	37.68	ng		98
74) Fluoranthene	14.17	202	617728	37.77	ng		99
76) Benzidine	14.35	184	215258	28.20	ng		97
77) Pyrene	14.46	202	654227	40.09	ng		98
79) Butylbenzylphthalate	15.29	149	293406	41.13	ng		90
80) Benzo(a)anthracene	15.94	228	603319	38.90	ng		100
81) 3,3'-Dichlorobenzidine	15.92	252	164235	29.73	ng	#	97
82) Chrysene	15.99	228	576338	38.64	ng		99
83) Bis(2-ethylhexyl)phthalate	16.01	149	437464	40.49	ng		99
84) Di-n-octyl phthalate	16.80	149	737081	38.73	ng		97
85) Indeno(1,2,3-cd)pyrene	19.03	276	724049m	38.10	ng		
87) Benzo(b)fluoranthene	17.23	252	683154	43.15	ng		99
88) Benzo(k)fluoranthene	17.27	252	526155m	34.33	ng		
89) Benzo(a)pyrene	17.61	252	581077	39.86	ng	#	97
90) Dibenzo(a,h)anthracene	19.05	278	604222	39.00	ng		97
91) Benzo(g,h,i)perylene	19.43	276	599853	38.63	ng	#	95

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

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