Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079443.D
Acq On : 22 May 2015 20:00
Operator : TP/IZ
Sample : G2361-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-02-G1-G2-G3-G4MS

Manual Integrations APPROVED
apatel
5/27/2015 8:16:14 AM

Quant Time: May 23 00:04:30 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 22 22:53:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	69774	20.00	ng		0.00
21) Naphthalene-d8	8.63	136	287867	20.00	ng		0.00
38) Acenaphthene-d10	10.80	164	143836	20.00	ng		0.00
63) Phenanthrene-d10	12.64	188	264627	20.00	ng		0.00
75) Chrysene-d12	15.93	240	256737	20.00	ng		-0.03
86) Perylene-d12	17.73	264	260285	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	564115m	139.17	ng		0.01
7) Phenol-d6	6.64	99	745576	139.15	ng		0.01
23) Nitrobenzene-d5	7.75	82	412412	82.34	ng		0.00
41) 2,4,6-Tribromophenol	11.78	330	221257	142.19	ng		0.00
44) 2-Fluorobiphenyl	9.98	172	825359	79.95	ng		0.00
78) Terphenyl-d14	14.63	244	874255	81.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.92	88	65074m	36.92	ng		
3) Pyridine	2.59	79	146230m	28.35	ng		
4) n-Nitrosodimethylamine	2.51	42	86386m	39.09	ng		
6) Aniline	6.64	93	215553m	28.50	ng		
8) 2-Chlorophenol	6.79	128	206736	44.97	ng		83
9) Benzaldehyde	6.50	77	36373m	10.08	ng		
10) Phenol	6.65	94	279697	45.00	ng		88
11) bis(2-Chloroethyl)ether	6.75	93	187415	41.13	ng		100
12) 1,3-Dichlorobenzene	6.97	146	216152	41.83	ng	#	93
13) 1,4-Dichlorobenzene	7.07	146	220494	41.46	ng		98
14) 1,2-Dichlorobenzene	7.26	146	212486	42.92	ng		99
15) Benzyl Alcohol	7.24	79	175404m	44.10	ng		
16) 2,2'-oxybis(1-Chloropropan	7.42	45	283246	40.63	ng		94
17) 2-Methylphenol	7.39	107	167902	45.38	ng	#	95
18) Hexachloroethane	7.67	117	77617	42.37	ng		93
19) n-Nitroso-di-n-propylamine	7.58	70	149642	41.35	ng		98
20) 3+4-Methylphenols	7.59	107	226175	45.88	ng	#	47
22) Acetophenone	7.56	105	293179	45.08	ng	#	89
24) Nitrobenzene	7.77	77	213605	43.02	ng	#	90
25) Isophorone	8.08	82	389031	41.90	ng		98
26) 2-Nitrophenol	8.17	139	100003	48.66	ng		93
27) 2,4-Dimethylphenol	8.24	122	192212	46.74	ng		97
28) bis(2-Chloroethoxy)methane	8.35	93	241948	42.27	ng		99
29) 2,4-Dichlorophenol	8.47	162	180432	49.35	ng		94
30) 1,2,4-Trichlorobenzene	8.56	180	174584	43.46	ng		98
31) Naphthalene	8.65	128	601368	43.84	ng		99
32) Benzoic acid	8.38	122	100518m	40.21	ng		
33) 4-Chloroaniline	8.74	127	168065	28.96	ng	#	90
34) Hexachlorobutadiene	8.81	225	94982	41.06	ng		98
35) Caprolactam	9.18	113	54653m	46.22	ng		
36) 4-Chloro-3-methylphenol	9.36	107	186392	48.53	ng		99
37) 2-Methylnaphthalene	9.52	142	422069	44.40	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.72	216	165661	40.89	ng		99
40) Hexachlorocyclopentadiene	9.70	237	104703	51.40	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.87	196	120600	43.30	ng		99
43) 2,4,5-Trichlorophenol	9.92	196	126320	44.86	ng	#	84
45) 1,1'-Biphenyl	10.10	154	492391	43.06	ng		100
46) 2-Chloronaphthalene	10.11	162	377038	42.27	ng		97
47) 2-Nitroaniline	10.25	65	115410	44.66	ng		93
48) Acenaphthylene	10.63	152	630451	43.05	ng		98
49) Dimethylphthalate	10.49	163	513539	48.65	ng		99
50) 2,6-Dinitrotoluene	10.56	165	94801	45.50	ng	#	43
51) Acenaphthene	10.83	154	352045	40.31	ng		99
52) 3-Nitroaniline	10.76	138	95666	36.76	ng		89
53) 2,4-Dinitrophenol	10.91	184	48978	64.22	ng	#	55
54) Dibenzofuran	11.05	168	543241	43.06	ng		98
55) 4-Nitrophenol	10.99	139	141101	68.50	ng		96
56) 2,4-Dinitrotoluene	11.06	165	131198	47.64	ng		93
57) Fluorene	11.47	166	438115	42.31	ng		97
58) 2,3,4,6-Tetrachlorophenol	11.21	232	98913	42.99	ng		98
59) Diethylphthalate	11.37	149	456275	43.63	ng		97
60) 4-Chlorophenyl-phenylether	11.49	204	191346	41.66	ng		94
61) 4-Nitroaniline	11.52	138	100782	38.71	ng		97
62) Azobenzene	11.68	77	443238	43.01	ng		97
64) 4,6-Dinitro-2-methylphenol	11.57	198	49227	45.56	ng		75
65) n-Nitrosodiphenylamine	11.63	169	385140	43.70	ng		99
66) 4-Bromophenyl-phenylether	12.09	248	121304	43.98	ng		96
67) Hexachlorobenzene	12.15	284	138401	43.90	ng	#	85
68) Atrazine	12.32	200	125496	48.97	ng		95
69) Pentachlorophenol	12.41	266	119369	66.02	ng		97
70) Phenanthrene	12.66	178	631485	42.66	ng		99
71) Anthracene	12.73	178	656166	45.18	ng		99
72) Carbazole	12.94	167	623420	45.04	ng		99
73) Di-n-butylphthalate	13.39	149	744009	44.82	ng		98
74) Fluoranthene	14.14	202	667825	43.29	ng		97
76) Benzidine	14.32	184	250807	36.25	ng		98
77) Pyrene	14.41	202	689672	46.62	ng		100
79) Butylbenzylphthalate	15.25	149	310388	48.00	ng	#	85
80) Benzo(a)anthracene	15.92	228	634154	45.11	ng		100
81) 3,3'-Dichlorobenzidine	15.90	252	213507	42.63	ng	#	98
82) Chrysene	15.97	228	582211	43.06	ng		100
83) Bis(2-ethylhexyl)phthalate	15.99	149	463078	47.28	ng		99
84) Di-n-octyl phthalate	16.81	149	766158	44.41	ng		97
85) Indeno(1,2,3-cd)pyrene	19.09	276	737055	42.78	ng		99
87) Benzo(b)fluoranthene	17.26	252	693719	48.69	ng		99
88) Benzo(k)fluoranthene	17.29	252	536067m	38.87	ng		
89) Benzo(a)pyrene	17.66	252	608196	46.36	ng		100
90) Dibenzo(a,h)anthracene	19.11	278	601310	43.13	ng		99
91) Benzo(g,h,i)perylene	19.47	276	608357	43.54	ng	#	94

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

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