Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090347.D
Acq On : 4 Oct 2016 17:45
Operator : UM/SJ
Sample : H4999-01MS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B044-3-6MS

Manual Integrations APPROVED
sohil
10/5/2016 7:27:41 PM

Quant Time: Oct 05 10:47:58 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 03:16:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	278739	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1084703	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	470333	20.00	ng		0.01
63) Phenanthrene-d10	11.55	188	700587	20.00	ng		0.00
75) Chrysene-d12	14.20	240	494085	20.00	ng		0.01
86) Perylene-d12	15.70	264	113995	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	1936617	109.58	ng		0.02
7) Phenol-d6	6.63	99	2434351	110.20	ng		0.01
23) Nitrobenzene-d5	7.57	82	1769114	95.07	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	624019	152.76	ng		0.01
44) 2-Fluorobiphenyl	9.38	172	2765149	95.85	ng		0.00
78) Terphenyl-d14	13.14	244	2154877	101.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	334590m	38.79	ng		
3) Pyridine	3.63	79	392837m	17.18	ng		
4) n-Nitrosodimethylamine	3.56	42	416890m	50.33	ng		
6) Aniline	6.75	93	972026m	32.02	ng		
8) 2-Chlorophenol	6.79	128	818633	41.22	ng		95
9) Benzaldehyde	6.55	77	210823	20.56	ng		91
10) Phenol	6.65	94	1005377	37.42	ng		94
11) bis(2-Chloroethyl)ether	6.75	93	1001496	52.49	ng		97
12) 1,3-Dichlorobenzene	6.95	146	835345	40.50	ng		96
13) 1,4-Dichlorobenzene	7.03	146	783339m	37.40	ng		
14) 1,2-Dichlorobenzene	7.18	146	811522	40.76	ng		98
15) Benzyl Alcohol	7.15	79	355420	22.82	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1360370	46.65	ng		95
17) 2-Methylphenol	7.25	107	666113	43.30	ng		99
18) Hexachloroethane	7.53	117	303571	40.06	ng		91
19) n-Nitroso-di-n-propylamine	7.42	70	685287	48.58	ng	#	83
20) 3+4-Methylphenols	7.41	107	879001	44.95	ng		89
22) Acetophenone	7.42	105	1248216	49.70	ng	#	86
24) Nitrobenzene	7.59	77	1062466	53.48	ng		93
25) Isophorone	7.83	82	1726958	48.78	ng		98
26) 2-Nitrophenol	7.91	139	389186	50.76	ng		98
27) 2,4-Dimethylphenol	7.95	122	755521	43.68	ng		96
28) bis(2-Chloroethoxy)methane	8.04	93	865840	39.39	ng		97
29) 2,4-Dichlorophenol	8.15	162	629185	44.43	ng		100
30) 1,2,4-Trichlorobenzene	8.23	180	660939	41.67	ng		99
31) Naphthalene	8.33	128	2440408	47.07	ng		98
32) Benzoic acid	8.04	122	399453	37.25	ng		98
33) 4-Chloroaniline	8.33	127	331871	16.02	ng	#	31
34) Hexachlorobutadiene	8.44	225	359497	38.51	ng		99
35) Caprolactam	8.71	113	117264m	31.66	ng		
36) 4-Chloro-3-methylphenol	8.84	107	691577	45.48	ng		96
37) 2-Methylnaphthalene	9.01	142	1502090	46.17	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	693207	52.21	ng		98
40) Hexachlorocyclopentadiene	9.17	237	826365	91.88	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	414020m	49.57	ng		
43) 2,4,5-Trichlorophenol	9.33	196	410276m	48.82	ng		
45) 1,1'-Biphenyl	9.48	154	1855122	50.95	ng		97
46) 2-Chloronaphthalene	9.50	162	1393508	50.98	ng		98
47) 2-Nitroaniline	9.59	65	247652	33.19	ng	#	75
48) Acenaphthylene	9.91	152	1861346	45.02	ng		99
49) Dimethylphthalate	9.78	163	1493549	53.64	ng		99
50) 2,6-Dinitrotoluene	9.83	165	326755	53.65	ng		88
51) Acenaphthene	10.10	154	1417633	56.34	ng		98
52) 3-Nitroaniline	9.99	138	50515	7.32	ng		81
53) 2,4-Dinitrophenol	10.11	184	294870	124.86	ng		92
54) Dibenzofuran	10.27	168	1859567	55.89	ng		99
55) 4-Nitrophenol	10.15	139	515890	93.91	ng		91
56) 2,4-Dinitrotoluene	10.23	165	355610	48.51	ng	#	25
57) Fluorene	10.61	166	1488662	53.49	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	291798m	49.24	ng		
59) Diethylphthalate	10.47	149	1312079	46.10	ng	#	91
60) 4-Chlorophenyl-phenylether	10.60	204	702025	53.20	ng		98
61) 4-Nitroaniline	10.61	138	141276	22.77	ng		81
62) Azobenzene	10.76	77	1709189	57.63	ng		91
64) 4,6-Dinitro-2-methylphenol	10.65	198	171174	52.21	ng	#	46
65) n-Nitrosodiphenylamine	10.71	169	293246	12.28	ng		99
66) 4-Bromophenyl-phenylether	11.09	248	376165	49.69	ng		98
67) Hexachlorobenzene	11.16	284	408833	45.94	ng		96
69) Pentachlorophenol	11.34	266	414918	83.18	ng		99
70) Phenanthrene	11.57	178	1786101	47.52	ng		99
71) Anthracene	11.63	178	1877882	50.05	ng		97
72) Carbazole	11.77	167	409948	11.89	ng		97
73) Di-n-butylphthalate	12.11	149	1945048	47.19	ng		99
74) Fluoranthene	12.76	202	1549327	43.46	ng		96
77) Pyrene	12.99	202	1522976	48.14	ng		99
79) Butylbenzylphthalate	13.62	149	791663	63.49	ng		97
80) Benzo(a)anthracene	14.19	228	1443801	52.11	ng		98
82) Chrysene	14.22	228	1421472	54.76	ng		100
83) Bis(2-ethylhexyl)phthalate	14.18	149	1154223	57.87	ng	#	99
84) Di-n-octyl phthalate	14.80	149	1783227	61.54	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.22	276	1137073	40.75	ng	#	93
87) Benzo(b)fluoranthene	15.25	252	1433137	218.62	ng	#	94
88) Benzo(k)fluoranthene	15.29	252	1068983m	170.72	ng		
89) Benzo(a)pyrene	15.63	252	953149	159.41	ng	#	94
90) Dibenzo(a,h)anthracene	17.24	278	1201360	204.90	ng	#	93
91) Benzo(g,h,i)perylene	17.68	276	889647	154.91	ng	#	93

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

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