Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087373.D
Acq On : 25 May 2016 15:36
Operator : UM/SJ
Sample : H3218-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-3(6.5-7)MSD

Manual Integrations APPROVED
sohil
5/26/2016 6:36:24 PM

Quant Time: May 26 12:53:31 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 22:35:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	107816	20.00	ng		0.00
21) Naphthalene-d8	9.55	136	444359	20.00	ng		0.00
38) Acenaphthene-d10	12.38	164	197160	20.00	ng		-0.01
63) Phenanthrene-d10	14.78	188	334542	20.00	ng		0.00
75) Chrysene-d12	18.47	240	226289	20.00	ng		-0.01
86) Perylene-d12	20.14	264	219229	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	794961	129.56	ng		0.01
7) Phenol-d6	7.07	99	1093075	131.84	ng		0.00
23) Nitrobenzene-d5	8.43	82	772579	87.62	ng		-0.01
41) 2,4,6-Tribromophenol	13.67	330	196090	103.50	ng		-0.01
44) 2-Fluorobiphenyl	11.34	172	1113236	79.60	ng		0.00
78) Terphenyl-d14	17.13	244	692306	65.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.88	88	96660	29.86	ng	#	65
3) Pyridine	2.48	79	255895	36.15	ng	#	66
4) n-Nitrosodimethylamine	2.44	42	244339	44.80	ng	#	49
6) Aniline	7.02	93	821578	76.60	ng		94
8) 2-Chlorophenol	7.20	128	329996	43.13	ng		90
9) Benzaldehyde	6.84	77	61991	13.54	ng		96
10) Phenol	7.08	94	379963	41.97	ng		77
11) bis(2-Chloroethyl)ether	7.16	93	325695	44.45	ng		87
12) 1,3-Dichlorobenzene	7.42	146	334224	40.05	ng	#	92
13) 1,4-Dichlorobenzene	7.54	146	344658m	40.23	ng		
14) 1,2-Dichlorobenzene	7.78	146	330286	41.67	ng		99
15) Benzyl Alcohol	7.82	79	321982	53.27	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.02	45	637428	38.66	ng		84
17) 2-Methylphenol	8.03	107	257887	42.05	ng	#	87
18) Hexachloroethane	8.30	117	125163	39.16	ng		96
19) n-Nitroso-di-n-propylamine	8.24	70	271599	43.93	ng	#	69
20) 3+4-Methylphenols	8.30	107	355686	47.98	ng	#	60
22) Acetophenone	8.20	105	499937	47.09	ng	#	98
24) Nitrobenzene	8.47	77	409487	44.00	ng		97
25) Isophorone	8.86	82	687457	43.47	ng		98
26) 2-Nitrophenol	8.97	139	174537	45.88	ng	#	74
27) 2,4-Dimethylphenol	9.11	122	247136	37.42	ng	#	86
28) bis(2-Chloroethoxy)methane	9.24	93	411209	46.17	ng		99
29) 2,4-Dichlorophenol	9.38	162	278578	46.81	ng		97
30) 1,2,4-Trichlorobenzene	9.47	180	287300	42.17	ng		95
31) Naphthalene	9.59	128	1035160	46.49	ng		100
33) 4-Chloroaniline	9.74	127	207727	25.33	ng		96
34) Hexachlorobutadiene	9.80	225	160495	38.75	ng		100
35) Caprolactam	10.34	113	87120m	50.15	ng		
36) 4-Chloro-3-methylphenol	10.59	107	310896	46.20	ng		95
37) 2-Methylnaphthalene	10.71	142	622724m	44.77	ng		
39) 1,2,4,5-Tetrachlorobenzene	10.98	216	258248	40.92	ng		99
40) Hexachlorocyclopentadiene	10.96	237	95082	41.74	ng		96
42) 2,4,6-Trichlorophenol	11.21	196	166265	45.64	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	11.29	196	166876	44.98	ng	#	91
45) 1,1'-Biphenyl	11.49	154	735270	44.29	ng		98
46) 2-Chloronaphthalene	11.50	162	537698	42.34	ng		97
47) 2-Nitroaniline	11.71	65	226847	49.58	ng		87
48) Acenaphthylene	12.15	152	851312	42.34	ng		99
49) Dimethylphthalate	12.03	163	948673	60.07	ng		100
50) 2,6-Dinitrotoluene	12.13	165	140364	44.11	ng	#	81
51) Acenaphthene	12.43	154	548382	44.38	ng		98
52) 3-Nitroaniline	12.39	138	125145	38.32	ng	#	81
54) Dibenzofuran	12.72	168	792876	47.39	ng		95
55) 4-Nitrophenol	12.77	139	142468	91.44	ng	#	68
56) 2,4-Dinitrotoluene	12.79	165	187508	44.08	ng		90
57) Fluorene	13.27	166	648157	44.67	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.96	232	130066	45.58	ng		99
59) Diethylphthalate	13.18	149	636643	41.46	ng		100
60) 4-Chlorophenyl-phenylether	13.30	204	284285	40.18	ng		91
61) 4-Nitroaniline	13.39	138	128104	42.02	ng	#	81
62) Azobenzene	13.55	77	731086	45.89	ng		87
64) 4,6-Dinitro-2-methylphenol	13.45	198	29670	13.95	ng	#	45
65) n-Nitrosodiphenylamine	13.51	169	513601	47.47	ng		100
66) 4-Bromophenyl-phenylether	14.09	248	157247	42.97	ng	#	86
67) Hexachlorobenzene	14.15	284	154475	40.36	ng	#	60
68) Atrazine	14.43	200	161216	46.75	ng		95
69) Pentachlorophenol	14.51	266	91232	76.95	ng		96
70) Phenanthrene	14.82	178	1573405	84.91	ng		99
71) Anthracene	14.90	178	994537	53.13	ng		99
72) Carbazole	15.19	167	757233	47.43	ng		99
73) Di-n-butylphthalate	15.77	149	863220	41.81	ng		99
74) Fluoranthene	16.58	202	1616631	87.00	ng		95
76) Benzidine	16.81	184	138442	23.78	ng		97
77) Pyrene	16.88	202	1425364	87.51	ng		96
79) Butylbenzylphthalate	17.79	149	309978	42.91	ng	#	80
80) Benzo(a)anthracene	18.46	228	944660	73.39	ng		99
81) 3,3'-Dichlorobenzidine	18.45	252	116560	16.39	ng	#	98
82) Chrysene	18.50	228	853217	66.79	ng		97
83) Bis(2-ethylhexyl)phthalate	18.54	149	401292	38.07	ng	#	95
84) Di-n-octyl phthalate	19.31	149	656588	40.85	ng	#	87
85) Indeno(1,2,3-cd)pyrene	21.36	276	529440	51.70	ng		93
87) Benzo(b)fluoranthene	19.74	252	879380m	62.97	ng		
88) Benzo(k)fluoranthene	19.76	252	575341m	47.87	ng		
89) Benzo(a)pyrene	20.08	252	679749	56.28	ng	#	96
90) Dibenzo(a,h)anthracene	21.37	278	409826	39.78	ng	#	93
91) Benzo(g,h,i)perylene	21.71	276	431251m	42.43	ng		

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

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