Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087651.D
Acq On : 4 Jun 2016 4:50
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC025

Manual Integrations APPROVED
SOHIL
6/6/2016 7:17:57 PM

Quant Time: Jun 04 06:11:11 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 05:48:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	109656	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	469898	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	214880	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	412993	20.00	ng		0.00
75) Chrysene-d12	14.02	240	311848	20.00	ng		0.00
86) Perylene-d12	15.44	264	285162	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	359537	56.98	ng		-0.01
7) Phenol-d6	6.48	99	428218	50.51	ng		-0.01
23) Nitrobenzene-d5	7.43	82	441436	48.88	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	109351	53.24	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	755933	49.66	ng		-0.01
78) Terphenyl-d14	12.97	244	733672	51.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	84933	25.61	ng	#	24
3) Pyridine	3.20	79	224132	30.36	ng		99
4) n-Nitrosodimethylamine	3.13	42	95509	18.30	ng		96
6) Aniline	6.51	93	307841	27.93	ng		95
8) 2-Chlorophenol	6.64	128	211966	27.45	ng		94
9) Benzaldehyde	6.40	77	152743	30.64	ng		84
10) Phenol	6.49	94	247390	25.99	ng		93
11) bis(2-Chloroethyl)ether	6.59	93	188430	25.73	ng		96
12) 1,3-Dichlorobenzene	6.80	146	215169	25.60	ng		99
13) 1,4-Dichlorobenzene	6.88	146	227485	26.27	ng		99
14) 1,2-Dichlorobenzene	7.03	146	196328m	24.50	ng		
15) Benzyl Alcohol	7.00	79	171933	27.95	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.14	45	260010	16.39	ng		99
17) 2-Methylphenol	7.11	107	158141	25.32	ng		99
18) Hexachloroethane	7.38	117	78452	24.39	ng		97
19) n-Nitroso-di-n-propylamine	7.28	70	147549	24.19	ng		91
20) 3+4-Methylphenols	7.27	107	219579	29.53	ng	#	81
22) Acetophenone	7.27	105	255657	22.80	ng	#	82
24) Nitrobenzene	7.44	77	186644	19.39	ng	#	84
25) Isophorone	7.69	82	361072	22.01	ng	#	90
26) 2-Nitrophenol	7.76	139	95001	24.20	ng		96
27) 2,4-Dimethylphenol	7.79	122	188438	26.49	ng		95
28) bis(2-Chloroethoxy)methane	7.90	93	223662	23.84	ng	#	97
29) 2,4-Dichlorophenol	8.00	162	173085	27.69	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	176597	24.77	ng		98
31) Naphthalene	8.17	128	628832	26.79	ng		99
32) Benzoic acid	7.88	122	121970	33.67	ng		97
33) 4-Chloroaniline	8.22	127	272800	31.12	ng		97
34) Hexachlorobutadiene	8.30	225	88877	20.85	ng		97
35) Caprolactam	8.57	113	54656	29.33	ng		95
36) 4-Chloro-3-methylphenol	8.70	107	176918	25.16	ng		88
37) 2-Methylnaphthalene	8.86	142	369442	25.06	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	173927	25.77	ng	#	1
40) Hexachlorocyclopentadiene	9.02	237	92893	39.39	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	111590	27.79	ng		97
43) 2,4,5-Trichlorophenol	9.18	196	106423	26.00	ng	#	93
45) 1,1'-Biphenyl	9.32	154	473641	26.43	ng		99
46) 2-Chloronaphthalene	9.35	162	368263	26.88	ng		98
47) 2-Nitroaniline	9.44	65	109649	22.96	ng		95
48) Acenaphthylene	9.76	152	559180	25.56	ng		100
49) Dimethylphthalate	9.62	163	385983	22.55	ng		99
50) 2,6-Dinitrotoluene	9.68	165	86047	24.39	ng	#	47
51) Acenaphthene	9.93	154	347548	25.55	ng		98
52) 3-Nitroaniline	9.85	138	114919	32.27	ng		91
53) 2,4-Dinitrophenol	9.95	184	37306	25.38	ng	#	76
54) Dibenzofuran	10.10	168	485561	26.23	ng	#	89
55) 4-Nitrophenol	10.00	139	98258	51.69	ng	#	80
56) 2,4-Dinitrotoluene	10.08	165	109822	23.52	ng	#	59
57) Fluorene	10.44	166	361995	23.35	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	88948	28.41	ng	#	51
59) Diethylphthalate	10.33	149	414933	25.02	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	172450	23.06	ng		94
61) 4-Nitroaniline	10.46	138	96276	28.21	ng		95
62) Azobenzene	10.60	77	445684	26.35	ng		95
64) 4,6-Dinitro-2-methylphenol	10.49	198	57748	22.94	ng	#	62
65) n-Nitrosodiphenylamine	10.56	169	354785	26.73	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	109521	24.34	ng		95
67) Hexachlorobenzene	10.99	284	117191	25.13	ng		92
68) Atrazine	11.08	200	92921	21.94	ng		91
69) Pentachlorophenol	11.19	266	65134	42.98	ng		98
70) Phenanthrene	11.40	178	547499	24.23	ng		100
71) Anthracene	11.46	178	597904	25.72	ng		98
72) Carbazole	11.61	167	563030	28.53	ng		99
73) Di-n-butylphthalate	11.95	149	628543	25.01	ng		99
74) Fluoranthene	12.59	202	609207	26.69	ng		96
76) Benzidine	12.72	184	340189	38.20	ng		99
77) Pyrene	12.82	202	624769	27.89	ng		98
79) Butylbenzylphthalate	13.45	149	246869	24.96	ng		94
80) Benzo(a)anthracene	14.00	228	490615	27.61	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	137325	14.89	ng	#	94
82) Chrysene	14.05	228	520020	29.38	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	329065	23.33	ng		99
84) Di-n-octyl phthalate	14.62	149	552171	25.35	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.83	276	400785	28.23	ng	#	100
87) Benzo(b)fluoranthene	15.03	252	531474m	29.38	ng		
88) Benzo(k)fluoranthene	15.06	252	341631m	21.59	ng		
89) Benzo(a)pyrene	15.38	252	404623	25.63	ng		97
90) Dibenzo(a,h)anthracene	16.86	278	337184	25.16	ng		97
91) Benzo(g,h,i)perylene	17.26	276	330202	24.90	ng	#	93

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

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