Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086209.D
Acq On : 15 Apr 2016 11:34
Operator : UM/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC2.5

Manual Integrations APPROVED
Sohil
4/18/2016 7:24:05 PM

Quant Time: Apr 15 16:01:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 13:20:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	272855	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	1159533	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	507609	20.00	ng		-0.01
63) Phenanthrene-d10	11.41	188	921491	20.00	ng		0.00
75) Chrysene-d12	14.04	240	708935	20.00	ng		-0.01
86) Perylene-d12	15.48	264	532682	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	144653	4.36	ng		-0.01
7) Phenol-d6	6.50	99	182411	4.33	ng		-0.02
23) Nitrobenzene-d5	7.45	82	155606	3.82	ng		-0.01
41) 2,4,6-Tribromophenol	10.72	330	36628	4.10	ng		-0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	38243	4.42	ng		89
3) Pyridine	3.30	79	81480	3.65	ng		93
4) n-Nitrosodimethylamine	3.18	42	27565	2.65	ng	#	73
6) Aniline	6.54	93	119657	3.96	ng		97
8) 2-Chlorophenol	6.67	128	80007	4.19	ng	#	81
9) Benzaldehyde	6.43	77	57022	4.97	ng		89
10) Phenol	6.51	94	104897	3.96	ng		95
11) bis(2-Chloroethyl)ether	6.62	93	73926	3.95	ng		99
12) 1,3-Dichlorobenzene	6.83	146	90387	4.31	ng		96
15) Benzyl Alcohol	7.02	79	60575	3.93	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	109227	3.61	ng		98
17) 2-Methylphenol	7.14	107	60098	3.81	ng	#	89
18) Hexachloroethane	7.41	117	28136	3.72	ng		97
19) n-Nitroso-di-n-propylamine	7.30	70	54535	3.97	ng		95
22) Acetophenone	7.30	105	114160	4.23	ng	#	93
24) Nitrobenzene	7.47	77	84317	3.78	ng		96
25) Isophorone	7.71	82	155171	3.92	ng		98
26) 2-Nitrophenol	7.79	139	28574	3.22	ng	#	85
27) 2,4-Dimethylphenol	7.82	122	80701	4.30	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	102026	4.49	ng		99
29) 2,4-Dichlorophenol	8.03	162	54534	3.70	ng		91
30) 1,2,4-Trichlorobenzene	8.12	180	67125	4.13	ng		98
32) Benzoic acid	7.86	122	24244	2.20	ng		95
33) 4-Chloroaniline	8.25	127	92144	4.11	ng	#	90
34) Hexachlorobutadiene	8.33	225	33459	3.90	ng		96
35) Caprolactam	8.57	113	17174	3.48	ng	#	64
36) 4-Chloro-3-methylphenol	8.72	107	70573	4.21	ng		96
37) 2-Methylnaphthalene	8.89	142	140274	3.99	ng		97
40) Hexachlorocyclopentadiene	9.05	237	22294	3.31	ng		99
42) 2,4,6-Trichlorophenol	9.16	196	42519	4.16	ng		97
43) 2,4,5-Trichlorophenol	9.20	196	37919	3.72	ng	#	93
47) 2-Nitroaniline	9.47	65	26450	2.83	ng	#	40
49) Dimethylphthalate	9.65	163	153256	4.06	ng		98
50) 2,6-Dinitrotoluene	9.71	165	28145	3.52	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) 3-Nitroaniline	9.87	138	35541	3.85	ng	#	96
55) 4-Nitrophenol	10.02	139	25880	3.85	ng	#	73
56) 2,4-Dinitrotoluene	10.11	165	31770	3.11	ng	#	90
57) Fluorene	10.48	166	154099	4.84	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	27854	3.89	ng	#	96
59) Diethylphthalate	10.35	149	176674	4.60	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	65666	4.40	ng		90
61) 4-Nitroaniline	10.48	138	34313	3.94	ng		86
62) Azobenzene	10.62	77	141107	3.67	ng		89
65) n-Nitrosodiphenylamine	10.59	169	115203	4.06	ng		97
66) 4-Bromophenyl-phenylether	10.97	248	35931	3.91	ng	#	84
68) Atrazine	11.10	200	32979	3.93	ng		94
69) Pentachlorophenol	11.21	266	16377	3.01	ng		99
71) Anthracene	11.48	178	212922	4.48	ng		97
73) Di-n-butylphthalate	11.98	149	229152	4.51	ng	#	97
74) Fluoranthene	12.63	202	204892	4.61	ng		92
76) Benzidine	12.74	184	65675	2.69	ng		98
77) Pyrene	12.85	202	222827	4.19	ng		96
79) Butylbenzylphthalate	13.47	149	73128	3.39	ng	#	62
80) Benzo(a)anthracene	14.03	228	168266	4.29	ng		97
81) 3,3'-Dichlorobenzidine	14.00	252	86031	3.34	ng		99
82) Chrysene	14.07	228	175569	4.28	ng		97
83) Bis(2-ethylhexyl)phthalate	14.04	149	103678	4.09	ng		98
84) Di-n-octyl phthalate	14.65	149	160874	3.46	ng		95
85) Indeno(1,2,3-cd)pyrene	16.88	276	90652	2.79	ng		96
87) Benzo(b)fluoranthene	15.06	252	150171m	4.64	ng		
88) Benzo(k)fluoranthene	15.09	252	101899m	3.35	ng		
89) Benzo(a)pyrene	15.41	252	102457	3.61	ng		97
90) Dibenzo(a,h)anthracene	16.90	278	77900	3.09	ng		99
91) Benzo(g,h,i)perylene	17.30	276	81321	3.10	ng		93

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

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