Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
Data File : BF089571.D
Acq On : 3 Aug 2016 21:35
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
sohil
8/4/2016 6:11:40 PM

Quant Time: Aug 04 07:38:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 04 07:15:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	37022	20.00	ng		0.00
21) Naphthalene-d8	9.50	136	160747	20.00	ng		0.00
38) Acenaphthene-d10	12.32	164	73697	20.00	ng		0.00
63) Phenanthrene-d10	14.72	188	129942	20.00	ng		0.00
75) Chrysene-d12	18.41	240	71634	20.00	ng		0.00
86) Perylene-d12	20.07	264	65305	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	292235	130.77	ng		0.00
7) Phenol-d6	7.02	99	385551	129.44	ng		0.01
23) Nitrobenzene-d5	8.39	82	367776	126.57	ng		0.01
41) 2,4,6-Tribromophenol	13.61	330	71529	122.19	ng		0.00
44) 2-Fluorobiphenyl	11.28	172	663276	116.89	ng		0.00
78) Terphenyl-d14	17.07	244	448125	125.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.77	88	73976	60.58	ng		96
3) Pyridine	2.34	79	154610	59.22	ng		98
4) n-Nitrosodimethylamine	2.32	42	67237	61.17	ng		96
6) Aniline	6.97	93	250774	60.67	ng		99
8) 2-Chlorophenol	7.14	128	173180	64.75	ng		97
9) Benzaldehyde	6.78	77	60995	57.48	ng		99
10) Phenol	7.03	94	206134	66.83	ng		99
11) bis(2-Chloroethyl)ether	7.12	93	164419	60.64	ng		99
12) 1,3-Dichlorobenzene	7.37	146	183297	62.49	ng		98
13) 1,4-Dichlorobenzene	7.50	146	185486	63.32	ng		99
14) 1,2-Dichlorobenzene	7.72	146	186878	61.48	ng		99
15) Benzyl Alcohol	7.76	79	131109	67.38	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.95	45	201951	60.39	ng		99
17) 2-Methylphenol	7.98	107	123955	63.35	ng		96
18) Hexachloroethane	8.25	117	75715	61.55	ng		97
19) n-Nitroso-di-n-propylamine	8.19	70	131951	118.36	ng		96
20) 3+4-Methylphenols	8.23	107	161595	63.08	ng		98
22) Acetophenone	8.16	105	259989	68.13	ng		96
24) Nitrobenzene	8.41	77	180883	59.87	ng		94
25) Isophorone	8.81	82	335503	60.81	ng		99
26) 2-Nitrophenol	8.91	139	80099	63.59	ng		98
27) 2,4-Dimethylphenol	9.06	122	145872	64.63	ng		96
28) bis(2-Chloroethoxy)methane	9.20	93	211647	64.04	ng		99
29) 2,4-Dichlorophenol	9.32	162	132522	62.41	ng		100
30) 1,2,4-Trichlorobenzene	9.43	180	150639	62.07	ng		99
31) Naphthalene	9.53	128	517060	60.50	ng		100
32) Benzoic acid	9.40	122	94294	62.90	ng		97
33) 4-Chloroaniline	9.67	127	199964	60.57	ng		97
34) Hexachlorobutadiene	9.75	225	84433	59.97	ng		99
35) Caprolactam	10.32	113	38399	61.48	ng	#	82
36) 4-Chloro-3-methylphenol	10.52	107	158857	63.83	ng		93
37) 2-Methylnaphthalene	10.65	142	312424	59.80	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.94	216	174494	62.83	ng		100
40) Hexachlorocyclopentadiene	10.91	237	56250	58.60	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.15	196	87032	64.11	ng		98
43) 2,4,5-Trichlorophenol	11.22	196	90283	62.20	ng		96
45) 1,1'-Biphenyl	11.43	154	401456	60.32	ng		100
46) 2-Chloronaphthalene	11.44	162	294696	59.10	ng		97
47) 2-Nitroaniline	11.64	65	96900	61.26	ng		96
48) Acenaphthylene	12.09	152	485706	59.08	ng		100
49) Dimethylphthalate	11.99	163	326927	57.90	ng		99
50) 2,6-Dinitrotoluene	12.07	165	71656	63.43	ng	#	86
51) Acenaphthene	12.38	154	277637	58.26	ng		98
52) 3-Nitroaniline	12.33	138	80874	60.72	ng		95
53) 2,4-Dinitrophenol	12.53	184	27075	59.81	ng		96
54) Dibenzofuran	12.66	168	384998	59.36	ng		98
55) 4-Nitrophenol	12.70	139	46064m	63.12	ng		
56) 2,4-Dinitrotoluene	12.72	165	91212	60.08	ng		92
57) Fluorene	13.21	166	320094	58.02	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.89	232	61167	59.68	ng	#	97
59) Diethylphthalate	13.13	149	339290	59.31	ng		98
60) 4-Chlorophenyl-phenylether	13.25	204	150162	60.56	ng		97
61) 4-Nitroaniline	13.34	138	70822	60.68	ng		95
62) Azobenzene	13.51	77	348305	59.37	ng		93
64) 4,6-Dinitro-2-methylphenol	13.38	198	47653	59.73	ng		85
65) n-Nitrosodiphenylamine	13.46	169	276396	62.42	ng		99
66) 4-Bromophenyl-phenylether	14.03	248	80724	63.59	ng	#	79
67) Hexachlorobenzene	14.09	284	83192	60.59	ng		99
68) Atrazine	14.38	200	67843	59.22	ng		98
69) Pentachlorophenol	14.45	266	31127	59.41	ng		97
70) Phenanthrene	14.75	178	424995	61.23	ng		100
71) Anthracene	14.83	178	447709	58.99	ng		99
72) Carbazole	15.13	167	366218	59.66	ng		98
73) Di-n-butylphthalate	15.71	149	470333	59.90	ng		99
74) Fluoranthene	16.51	202	407619	58.03	ng		99
76) Benzidine	16.75	184	109663	56.14	ng		97
77) Pyrene	16.81	202	398317	62.55	ng		99
79) Butylbenzylphthalate	17.74	149	152061	63.64	ng		97
80) Benzo(a)anthracene	18.40	228	255674	61.25	ng		100
81) 3,3'-Dichlorobenzidine	18.39	252	84578	64.65	ng		100
82) Chrysene	18.45	228	258685	60.10	ng		100
83) Bis(2-ethylhexyl)phthalate	18.49	149	207886	64.55	ng		100
84) Di-n-octyl phthalate	19.26	149	319753	65.48	ng		99
85) Indeno(1,2,3-cd)pyrene	21.26	276	272169	62.52	ng		100
87) Benzo(b)fluoranthene	19.67	252	234398	58.75	ng	#	95
88) Benzo(k)fluoranthene	19.69	252	234927m	59.78	ng		
89) Benzo(a)pyrene	20.01	252	227203	61.42	ng		98
90) Dibenzo(a,h)anthracene	21.27	278	238356	68.07	ng		99
91) Benzo(g,h,i)perylene	21.60	276	241956	65.94	ng		95

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

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