Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084836.D
Acq On : 4 Feb 2016 18:47
Operator : SJ/IZ
Sample : H1320-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B017(5-7)

Manual Integrations APPROVED
mohammad
2/5/2016 1:48:44 PM

Quant Time: Feb 05 06:11:31 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	137427	20.00	ng		-0.01
21) Naphthalene-d8	7.96	136	589292	20.00	ng		-0.01
38) Acenaphthene-d10	9.71	164	269591	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	501044	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	374122	20.00	ng		-0.01
86) Perylene-d12	15.20	264	296291	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1134029	128.53	ng		-0.01
7) Phenol-d6	6.33	99	1355917	123.96	ng		-0.01
23) Nitrobenzene-d5	7.24	82	921971	88.13	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	364236	129.53	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	1648615	118.63	ng		-0.01
78) Terphenyl-d14	12.77	244	1524935	92.36	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	128858	33.34	ng	#	75
3) Pyridine	2.86	79	358957	35.65	ng	#	74
4) n-Nitrosodimethylamine	2.81	42	223174	42.85	ng		79
6) Aniline	6.34	93	502759	37.56	ng	#	60
8) 2-Chlorophenol	6.46	128	446434	44.70	ng		96
9) Benzaldehyde	6.21	77	148089	22.93	ng		97
10) Phenol	6.34	94	454103	37.06	ng	#	61
11) bis(2-Chloroethyl)ether	6.42	93	429932	44.99	ng		86
12) 1,3-Dichlorobenzene	6.61	146	459560	43.55	ng		97
13) 1,4-Dichlorobenzene	6.69	146	463317	43.92	ng		95
14) 1,2-Dichlorobenzene	6.84	146	388881	39.58	ng		96
15) Benzyl Alcohol	6.83	79	368450	48.78	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.97	45	672861	41.86	ng		86
17) 2-Methylphenol	6.96	107	356433	45.13	ng	#	91
18) Hexachloroethane	7.18	117	174114	42.86	ng		95
19) n-Nitroso-di-n-propylamine	7.10	70	312209	45.54	ng	#	79
20) 3+4-Methylphenols	7.10	107	434308	44.30	ng	#	79
22) Acetophenone	7.09	105	603146	38.83	ng		99
24) Nitrobenzene	7.26	77	444824	39.71	ng		98
25) Isophorone	7.50	82	826190	40.62	ng		97
26) 2-Nitrophenol	7.58	139	251396	45.50	ng		92
27) 2,4-Dimethylphenol	7.63	122	387183	40.29	ng		96
28) bis(2-Chloroethoxy)methane	7.72	93	479980	39.77	ng		99
29) 2,4-Dichlorophenol	7.82	162	340683	41.43	ng		93
30) 1,2,4-Trichlorobenzene	7.90	180	372159	40.07	ng		96
31) Naphthalene	7.98	128	1250757	42.31	ng		99
32) Benzoic acid	7.77	122	232717	37.86	ng		95
33) 4-Chloroaniline	8.04	127	366625	29.99	ng		95
34) Hexachlorobutadiene	8.11	225	219206	40.93	ng		99
35) Caprolactam	8.42	113	117099m	46.20	ng		
36) 4-Chloro-3-methylphenol	8.53	107	380608	40.57	ng		93
37) 2-Methylnaphthalene	8.67	142	807824	43.67	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	344977	40.29	ng		97
40) Hexachlorocyclopentadiene	8.83	237	339681	86.84	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	238247	43.19	ng		98
43) 2,4,5-Trichlorophenol	9.00	196	248259	44.29	ng	#	87
45) 1,1'-Biphenyl	9.14	154	931997	38.70	ng		99
46) 2-Chloronaphthalene	9.16	162	737823	41.61	ng		94
47) 2-Nitroaniline	9.26	65	257392	45.84	ng		95
48) Acenaphthylene	9.57	152	1099970	40.88	ng		98
49) Dimethylphthalate	9.45	163	863632	42.06	ng	#	90
50) 2,6-Dinitrotoluene	9.52	165	194669	43.40	ng	#	87
51) Acenaphthene	9.74	154	693368	39.60	ng		97
52) 3-Nitroaniline	9.68	138	157398	31.23	ng		91
53) 2,4-Dinitrophenol	9.79	184	198738	94.83	ng		94
54) Dibenzofuran	9.92	168	929889	43.46	ng		91
55) 4-Nitrophenol	9.86	139	291658	78.73	ng	#	81
56) 2,4-Dinitrotoluene	9.92	165	276395	48.31	ng	#	92
57) Fluorene	10.26	166	748692	41.90	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.04	232	220406	51.66	ng		91
59) Diethylphthalate	10.14	149	870260	43.40	ng		98
60) 4-Chlorophenyl-phenylether	10.26	204	388142	53.00	ng		93
61) 4-Nitroaniline	10.29	138	225859	45.98	ng		92
62) Azobenzene	10.42	77	980175	50.84	ng		96
64) 4,6-Dinitro-2-methylphenol	10.32	198	137481	44.46	ng	#	48
65) n-Nitrosodiphenylamine	10.38	169	737471	46.35	ng		99
66) 4-Bromophenyl-phenylether	10.74	248	230285	41.61	ng	#	69
67) Hexachlorobenzene	10.81	284	283868	47.08	ng		98
68) Atrazine	10.91	200	221313	44.05	ng		98
69) Pentachlorophenol	11.00	266	244432	86.25	ng		97
70) Phenanthrene	11.22	178	1299697	46.77	ng		98
71) Anthracene	11.26	178	1168630	41.73	ng		99
72) Carbazole	11.42	167	1036460	42.45	ng		99
73) Di-n-butylphthalate	11.77	149	1336012	42.98	ng	#	97
74) Fluoranthene	12.40	202	1174354	41.75	ng		100
76) Benzidine	12.53	184	569405	43.82	ng		97
77) Pyrene	12.63	202	1258582	43.94	ng		99
79) Butylbenzylphthalate	13.25	149	549239	42.27	ng		87
80) Benzo(a)anthracene	13.81	228	1041124	44.84	ng		99
81) 3,3'-Dichlorobenzidine	13.78	252	210494	25.60	ng	#	96
82) Chrysene	13.85	228	928663m	41.24	ng		
83) Bis(2-ethylhexyl)phthalate	13.83	149	747790	46.24	ng	#	94
84) Di-n-octyl phthalate	14.43	149	1158093	43.41	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.48	276	841898	47.50	ng		98
87) Benzo(b)fluoranthene	14.82	252	914492m	45.94	ng		
88) Benzo(k)fluoranthene	14.84	252	720102m	43.75	ng		
89) Benzo(a)pyrene	15.14	252	778117	45.87	ng		98
90) Dibenzo(a,h)anthracene	16.49	278	699393	48.98	ng		97
91) Benzo(g,h,i)perylene	16.87	276	724075	50.34	ng		97

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

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