Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089481.D
Acq On : 31 Jul 2016 20:18
Operator : UM/SJ
Sample : H4251-06MS 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSS-1MS

Manual Integrations APPROVED
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8/1/2016 7:17:27 PM

Quant Time: Aug 01 06:42:43 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 04:11:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	36094	20.00	ng		-0.01
21) Naphthalene-d8	7.78	136	125009	20.00	ng		-0.01
38) Acenaphthene-d10	9.52	164	48576	20.00	ng		-0.01
63) Phenanthrene-d10	10.99	188	81978	20.00	ng		-0.01
75) Chrysene-d12	13.61	240	91347	20.00	ng		-0.01
86) Perylene-d12	14.94	264	84708	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	51331	22.71	ng		0.00
7) Phenol-d6	6.16	99	68607	22.97	ng		-0.01
23) Nitrobenzene-d5	7.06	82	43246	20.42	ng		-0.02
41) 2,4,6-Tribromophenol	10.31	330	8829	21.95	ng		-0.01
44) 2-Fluorobiphenyl	8.86	172	74527	22.52	ng		-0.01
78) Terphenyl-d14	12.57	244	59608	15.27	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.86	88	11100	8.03	ng	#	71
3) Pyridine	2.54	79	8042	3.64	ng	#	83
4) n-Nitrosodimethylamine	2.50	42	2590	10.12	ng	#	85
6) Aniline	6.17	93	11099	3.44	ng	#	15
8) 2-Chlorophenol	6.28	128	17814	6.97	ng		95
9) Benzaldehyde	6.04	77	8166	5.60	ng		96
10) Phenol	6.17	94	24016	7.29	ng		98
11) bis(2-Chloroethyl)ether	6.24	93	20395	7.28	ng		99
12) 1,3-Dichlorobenzene	6.43	146	17911m	6.70	ng		
13) 1,4-Dichlorobenzene	6.51	146	20662	7.00	ng		95
14) 1,2-Dichlorobenzene	6.66	146	21015	7.60	ng		96
15) Benzyl Alcohol	6.66	79	13310	7.18	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.79	45	21721	7.11	ng		94
17) 2-Methylphenol	6.79	107	11908	6.03	ng	#	76
18) Hexachloroethane	6.99	117	6927	6.12	ng	#	88
19) n-Nitroso-di-n-propylamine	6.91	70	13057	7.25	ng	#	82
20) 3+4-Methylphenols	6.95	107	19263	7.59	ng		94
22) Acetophenone	6.91	105	24036	8.08	ng	#	93
24) Nitrobenzene	7.08	77	23043	9.56	ng		90
25) Isophorone	7.32	82	34512	8.09	ng		97
26) 2-Nitrophenol	7.40	139	7104	6.59	ng	#	85
27) 2,4-Dimethylphenol	7.46	122	13482	7.85	ng		98
28) bis(2-Chloroethoxy)methane	7.55	93	19791	8.38	ng		97
29) 2,4-Dichlorophenol	7.67	162	10795	6.90	ng		96
30) 1,2,4-Trichlorobenzene	7.72	180	15197	8.51	ng		96
31) Naphthalene	7.80	128	50685	8.19	ng		100
32) Benzoic acid	7.46	122	13482	11.27	ng	#	16
33) 4-Chloroaniline	7.88	127	11338	4.81	ng	#	94
34) Hexachlorobutadiene	7.92	225	7719	7.55	ng		98
35) Caprolactam	8.19	113	2424	5.13	ng	#	80
36) 4-Chloro-3-methylphenol	8.36	107	11189	6.02	ng		94
37) 2-Methylnaphthalene	8.49	142	30414	8.15	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	10471	6.16	ng	#	94
42) 2,4,6-Trichlorophenol	8.79	196	6252	7.74	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.83	196	6945	6.78	ng		95
45) 1,1'-Biphenyl	8.96	154	28677	6.93	ng		96
46) 2-Chloronaphthalene	8.97	162	25106	8.08	ng		94
47) 2-Nitroaniline	9.10	65	6823	7.42	ng		93
48) Acenaphthylene	9.38	152	39131	8.00	ng		99
49) Dimethylphthalate	9.26	163	35885	9.71	ng		98
50) 2,6-Dinitrotoluene	9.32	165	5496	7.24	ng		93
51) Acenaphthene	9.55	154	22838	7.99	ng		98
52) 3-Nitroaniline	9.51	138	4384	5.47	ng	#	87
54) Dibenzofuran	9.72	168	33796	8.68	ng		95
55) 4-Nitrophenol	9.71	139	1444m	9.60	ng		
56) 2,4-Dinitrotoluene	9.74	165	5590	5.59	ng	#	85
57) Fluorene	10.07	166	25581	7.53	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.86	232	4702m	6.88	ng		
59) Diethylphthalate	9.95	149	29726	7.93	ng		99
60) 4-Chlorophenyl-phenylether	10.07	204	11781	7.56	ng		92
61) 4-Nitroaniline	10.12	138	3961	4.79	ng		91
62) Azobenzene	10.23	77	28897	7.49	ng		87
65) n-Nitrosodiphenylamine	10.18	169	20989	8.21	ng		98
66) 4-Bromophenyl-phenylether	10.55	248	5894	7.53	ng	#	80
67) Hexachlorobenzene	10.60	284	6224	7.76	ng	#	89
68) Atrazine	10.72	200	6286	8.00	ng		94
69) Pentachlorophenol	10.81	266	4515	16.80	ng		99
70) Phenanthrene	11.02	178	36372	8.60	ng		99
71) Anthracene	11.07	178	37937	8.07	ng		99
72) Carbazole	11.23	167	34010	8.59	ng		98
73) Di-n-butylphthalate	11.58	149	44323	8.35	ng		98
74) Fluoranthene	12.19	202	42916	9.65	ng		98
77) Pyrene	12.42	202	43184	6.24	ng		100
79) Butylbenzylphthalate	13.05	149	22002	6.99	ng		90
80) Benzo(a)anthracene	13.60	228	42225	8.19	ng		99
81) 3,3'-Dichlorobenzidine	13.58	252	9465	5.10	ng	#	97
82) Chrysene	13.63	228	43281	7.89	ng		99
83) Bis(2-ethylhexyl)phthalate	13.62	149	33204	7.30	ng	#	95
84) Di-n-octyl phthalate	14.23	149	61624	8.68	ng		99
85) Indeno(1,2,3-cd)pyrene	16.11	276	32361	8.29	ng		99
87) Benzo(b)fluoranthene	14.59	252	36468m	6.93	ng		
88) Benzo(k)fluoranthene	14.62	252	45119m	9.33	ng		
89) Benzo(a)pyrene	14.89	252	38477	8.15	ng		98
90) Dibenzo(a,h)anthracene	16.13	278	27335	7.35	ng		99
91) Benzo(g,h,i)perylene	16.46	276	25181	6.89	ng		98

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

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