Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
Data File : BF088741.D
Acq On : 6 Jul 2016 18:35
Operator : UM/SJ
Sample : H3808-25MS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13-COMPMS

Manual Integrations APPROVED
umangi
7/7/2016 6:08:00 PM

Quant Time: Jul 07 01:21:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	89943	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	376464	20.00	ng		-0.03
38) Acenaphthene-d10	9.78	164	183824	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	361448	20.00	ng		-0.03
75) Chrysene-d12	13.89	240	300182	20.00	ng		-0.03
86) Perylene-d12	15.26	264	263316	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	590726	98.43	ng		-0.02
7) Phenol-d6	6.39	99	769429	99.22	ng		-0.02
23) Nitrobenzene-d5	7.31	82	486743	67.76	ng		-0.03
41) 2,4,6-Tribromophenol	10.57	330	197781	115.86	ng		-0.03
44) 2-Fluorobiphenyl	9.12	172	960467	82.53	ng		-0.02
78) Terphenyl-d14	12.84	244	908684	67.42	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	75854	25.49	ng	#	36
3) Pyridine	3.03	79	119822	13.88	ng		91
4) n-Nitrosodimethylamine	2.97	42	59866	18.15	ng		93
6) Aniline	6.41	93	172766	15.29	ng	#	89
8) 2-Chlorophenol	6.54	128	155200	24.06	ng		89
9) Benzaldehyde	6.28	77	96665	18.40	ng	#	81
10) Phenol	6.40	94	159075	17.97	ng	#	53
11) bis(2-Chloroethyl)ether	6.49	93	150334	22.78	ng		88
12) 1,3-Dichlorobenzene	6.68	146	144037m	20.29	ng		
13) 1,4-Dichlorobenzene	6.76	146	150848	21.41	ng		95
14) 1,2-Dichlorobenzene	6.92	146	141736	21.49	ng		97
15) Benzyl Alcohol	6.89	79	136242	23.87	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.04	45	177952	18.62	ng		89
17) 2-Methylphenol	7.02	107	122704	23.32	ng		96
18) Hexachloroethane	7.27	117	59385	21.79	ng		98
19) n-Nitroso-di-n-propylamine	7.16	70	106780	20.50	ng		94
20) 3+4-Methylphenols	7.16	107	153985	24.38	ng	#	84
22) Acetophenone	7.16	105	222077	24.30	ng	#	90
24) Nitrobenzene	7.34	77	178966	24.71	ng		94
25) Isophorone	7.58	82	319781	24.03	ng		98
26) 2-Nitrophenol	7.64	139	74698	25.15	ng		90
27) 2,4-Dimethylphenol	7.69	122	116308	18.80	ng		87
28) bis(2-Chloroethoxy)methane	7.79	93	207944	24.01	ng	#	96
29) 2,4-Dichlorophenol	7.90	162	126086	25.22	ng		93
30) 1,2,4-Trichlorobenzene	7.98	180	126528	23.06	ng		99
31) Naphthalene	8.06	128	467115	25.17	ng		99
32) Benzoic acid	7.77	122	19113	4.26	ng		96
33) 4-Chloroaniline	8.10	127	126923	15.37	ng		96
34) Hexachlorobutadiene	8.18	225	72494	24.68	ng		100
35) Caprolactam	8.51	113	37235m	21.93	ng		
36) 4-Chloro-3-methylphenol	8.59	107	152475	25.79	ng		97
37) 2-Methylnaphthalene	8.74	142	278716	23.32	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	121616	19.89	ng	#	1
40) Hexachlorocyclopentadiene	8.90	237	166321	55.42	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	92760	23.01	ng		98
43) 2,4,5-Trichlorophenol	9.06	196	96525	27.83	ng	#	93
45) 1,1'-Biphenyl	9.21	154	377641	24.81	ng		98
46) 2-Chloronaphthalene	9.23	162	295936	24.76	ng		98
47) 2-Nitroaniline	9.32	65	93286	22.00	ng		96
48) Acenaphthylene	9.64	152	463488	24.38	ng		99
49) Dimethylphthalate	9.52	163	515153	39.34	ng		99
50) 2,6-Dinitrotoluene	9.58	165	79925	27.54	ng		95
51) Acenaphthene	9.82	154	306688	26.31	ng		98
52) 3-Nitroaniline	9.74	138	72211	19.57	ng		95
53) 2,4-Dinitrophenol	9.84	184	62071	48.43	ng	#	80
54) Dibenzofuran	9.99	168	400733	26.27	ng	#	89
55) 4-Nitrophenol	9.91	139	204777	73.03	ng		88
56) 2,4-Dinitrotoluene	9.98	165	111491	29.38	ng		92
57) Fluorene	10.33	166	333130	28.34	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	66911	24.94	ng	#	46
59) Diethylphthalate	10.22	149	368984	28.07	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	137713	25.21	ng	#	85
61) 4-Nitroaniline	10.34	138	77624	21.86	ng		78
62) Azobenzene	10.48	77	389166	25.96	ng		92
64) 4,6-Dinitro-2-methylphenol	10.38	198	48646	25.16	ng		94
65) n-Nitrosodiphenylamine	10.44	169	297150	24.29	ng		100
66) 4-Bromophenyl-phenylether	10.81	248	87842	24.12	ng	#	80
67) Hexachlorobenzene	10.88	284	97165	24.10	ng	#	74
68) Atrazine	10.97	200	83016	21.78	ng		92
69) Pentachlorophenol	11.07	266	147453	61.79	ng		99
70) Phenanthrene	11.28	178	467779	23.67	ng		99
71) Anthracene	11.34	178	507436	25.83	ng		98
72) Carbazole	11.48	167	416919	22.55	ng		99
73) Di-n-butylphthalate	11.83	149	523735	24.35	ng		99
74) Fluoranthene	12.47	202	519403	25.93	ng		94
76) Benzidine	12.58	184	146771	9.67	ng		99
77) Pyrene	12.68	202	478435	18.80	ng		99
79) Butylbenzylphthalate	13.31	149	310343	27.34	ng	#	66
80) Benzo(a)anthracene	13.87	228	417002	21.57	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	128757	17.72	ng	#	98
82) Chrysene	13.91	228	394558	20.63	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	474389	36.60	ng	#	98
84) Di-n-octyl phthalate	14.49	149	599207	27.21	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.57	276	323214	21.97	ng	#	100
87) Benzo(b)fluoranthene	14.88	252	408421m	24.73	ng		
88) Benzo(k)fluoranthene	14.90	252	316692m	22.02	ng		
89) Benzo(a)pyrene	15.21	252	342940	24.52	ng	#	92
90) Dibenzo(a,h)anthracene	16.58	278	270493	23.16	ng		99
91) Benzo(g,h,i)perylene	16.96	276	260603	21.56	ng		99

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

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