Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086383.D
Acq On : 23 Apr 2016 11:11
Operator : UM/SJ
Sample : H2661-01MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

Manual Integrations APPROVED
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4/25/2016 12:36:56 PM

Quant Time: Apr 25 05:09:46 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 00:24:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	166875	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	705915	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	348543	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	666779	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	465376	20.00	ng		0.00
86) Perylene-d12	15.40	264	416793	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	992727	102.74	ng		0.02
7) Phenol-d6	6.48	99	1219926	92.86	ng		0.00
23) Nitrobenzene-d5	7.40	82	759344	63.72	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	327714	103.87	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1448103	70.90	ng		0.00
78) Terphenyl-d14	12.94	244	1353362	72.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	141033	26.39	ng		97
3) Pyridine	3.21	79	291401	22.89	ng		94
4) n-Nitrosodimethylamine	3.13	42	139700	28.92	ng		89
6) Aniline	6.50	93	411198	25.65	ng		99
8) 2-Chlorophenol	6.62	128	397610	33.70	ng		98
9) Benzaldehyde	6.38	77	66636	8.35	ng		89
10) Phenol	6.49	94	503627	32.47	ng		94
11) bis(2-Chloroethyl)ether	6.58	93	416295	30.83	ng		96
12) 1,3-Dichlorobenzene	6.78	146	410072	32.59	ng		97
13) 1,4-Dichlorobenzene	6.85	146	433608	31.37	ng		92
14) 1,2-Dichlorobenzene	7.01	146	425272	33.87	ng		96
15) Benzyl Alcohol	6.99	79	292916	37.57	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	522166	29.50	ng		98
17) 2-Methylphenol	7.10	107	325817	33.70	ng		96
18) Hexachloroethane	7.36	117	148909	31.99	ng	#	88
19) n-Nitroso-di-n-propylamine	7.25	70	245241	31.24	ng	#	87
20) 3+4-Methylphenols	7.25	107	359509	35.08	ng		95
22) Acetophenone	7.25	105	523154	35.33	ng	#	94
24) Nitrobenzene	7.42	77	421578	32.98	ng		91
25) Isophorone	7.66	82	747435	32.00	ng		96
26) 2-Nitrophenol	7.74	139	228805	36.23	ng		93
27) 2,4-Dimethylphenol	7.78	122	348989	32.27	ng		92
28) bis(2-Chloroethoxy)methane	7.88	93	479680	36.79	ng		99
29) 2,4-Dichlorophenol	7.98	162	353997	39.60	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	345876	35.62	ng		93
31) Naphthalene	8.14	128	1199912	33.37	ng		99
32) Benzoic acid	7.87	122	95209	13.77	ng		94
33) 4-Chloroaniline	8.20	127	298457	21.31	ng		97
34) Hexachlorobutadiene	8.27	225	171460	35.36	ng		99
35) Caprolactam	8.56	113	109247m	34.06	ng		
36) 4-Chloro-3-methylphenol	8.68	107	373318	35.14	ng		100
37) 2-Methylnaphthalene	8.84	142	775395	37.39	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	294030	32.61	ng		99
40) Hexachlorocyclopentadiene	8.99	237	304480	69.13	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	216192	36.56	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	248411	34.12	ng		99
45) 1,1'-Biphenyl	9.30	154	902943	33.39	ng		97
46) 2-Chloronaphthalene	9.32	162	713157	33.32	ng		93
47) 2-Nitroaniline	9.42	65	236787	35.53	ng		93
48) Acenaphthylene	9.74	152	1167568	33.65	ng		98
49) Dimethylphthalate	9.61	163	1045200	41.51	ng		100
50) 2,6-Dinitrotoluene	9.66	165	200042	36.78	ng		87
51) Acenaphthene	9.92	154	746459	35.01	ng		100
52) 3-Nitroaniline	9.84	138	192501	28.27	ng		92
53) 2,4-Dinitrophenol	9.94	184	95508	33.78	ng		89
54) Dibenzofuran	10.09	168	1032617	37.72	ng		97
55) 4-Nitrophenol	10.00	139	307147	64.46	ng		87
56) 2,4-Dinitrotoluene	10.06	165	253134	35.05	ng		88
57) Fluorene	10.43	166	748366	33.36	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	202511	38.06	ng		99
59) Diethylphthalate	10.30	149	835890	34.67	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	335424	34.19	ng		93
61) 4-Nitroaniline	10.45	138	233330	33.48	ng		98
62) Azobenzene	10.58	77	892932	35.71	ng		97
64) 4,6-Dinitro-2-methylphenol	10.48	198	94016	23.07	ng		84
65) n-Nitrosodiphenylamine	10.54	169	685946	33.36	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	218541	33.47	ng	#	88
67) Hexachlorobenzene	10.97	284	221091	31.74	ng	#	67
68) Atrazine	11.07	200	221740	34.93	ng		97
69) Pentachlorophenol	11.16	266	239142	58.46	ng		99
70) Phenanthrene	11.38	178	1113359	33.23	ng		99
71) Anthracene	11.44	178	1256744	32.74	ng		99
72) Carbazole	11.60	167	1213845	33.67	ng		99
73) Di-n-butylphthalate	11.93	149	1344363	35.44	ng		99
74) Fluoranthene	12.57	202	1203948	33.32	ng		96
76) Benzidine	12.69	184	475365	24.91	ng		96
77) Pyrene	12.80	202	1226886	37.80	ng		100
79) Butylbenzylphthalate	13.41	149	547749	36.23	ng	#	75
80) Benzo(a)anthracene	13.99	228	829795	34.35	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	195164	11.71	ng	#	97
82) Chrysene	14.02	228	1029264	37.82	ng		100
83) Bis(2-ethylhexyl)phthalate	13.97	149	648719	38.32	ng	#	94
84) Di-n-octyl phthalate	14.59	149	1208640	37.19	ng		99
85) Indeno(1,2,3-cd)pyrene	16.79	276	813173	33.61	ng		99
87) Benzo(b)fluoranthene	15.00	252	755362	33.02	ng		97
88) Benzo(k)fluoranthene	15.03	252	862582m	38.42	ng		
89) Benzo(a)pyrene	15.35	252	794444	35.20	ng	#	98
90) Dibenzo(a,h)anthracene	16.80	278	667013	35.83	ng		99
91) Benzo(g,h,i)perylene	17.20	276	688488	35.82	ng		93

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

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