Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088599.D
Acq On : 2 Jul 2016 3:33
Operator : UM/SJ
Sample : H3816-14MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

Manual Integrations APPROVED
sohil
7/5/2016 7:31:24 PM

Quant Time: Jul 02 04:13:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 02 02:24:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	134603	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	482039	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	202347	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	339503	20.00	ng		0.00
75) Chrysene-d12	13.94	240	225220	20.00	ng		-0.01
86) Perylene-d12	15.35	264	206700	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	958367	106.71	ng		0.02
7) Phenol-d6	6.44	99	1326124	114.27	ng		0.00
23) Nitrobenzene-d5	7.37	82	841686	91.50	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	206874	110.10	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1233322	96.28	ng		0.00
78) Terphenyl-d14	12.90	244	731187	72.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	129878	29.17	ng	#	35
3) Pyridine	3.16	79	183402	14.19	ng		92
4) n-Nitrosodimethylamine	3.06	42	93005	18.84	ng		90
6) Aniline	6.47	93	196219	11.60	ng	#	69
8) 2-Chlorophenol	6.59	128	204357	21.17	ng		99
9) Benzaldehyde	6.35	77	141369	17.98	ng		95
10) Phenol	6.46	94	191141	14.43	ng	#	50
11) bis(2-Chloroethyl)ether	6.55	93	197752	20.02	ng		92
12) 1,3-Dichlorobenzene	6.75	146	197875m	18.63	ng		
13) 1,4-Dichlorobenzene	6.82	146	196000	18.59	ng		93
14) 1,2-Dichlorobenzene	6.98	146	205313m	20.81	ng		
15) Benzyl Alcohol	6.95	79	176367	20.65	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	278866	19.50	ng		93
17) 2-Methylphenol	7.07	107	161717	20.54	ng		95
18) Hexachloroethane	7.32	117	66644	16.34	ng		92
19) n-Nitroso-di-n-propylamine	7.22	70	141131	18.10	ng		96
20) 3+4-Methylphenols	7.22	107	201757	21.35	ng	#	76
22) Acetophenone	7.22	105	286518	24.49	ng	#	89
24) Nitrobenzene	7.39	77	242598	26.16	ng	#	86
25) Isophorone	7.63	82	411634	24.16	ng		99
26) 2-Nitrophenol	7.71	139	81697	21.48	ng	#	78
27) 2,4-Dimethylphenol	7.75	122	151147	19.08	ng		89
28) bis(2-Chloroethoxy)methane	7.85	93	270567	24.40	ng	#	96
29) 2,4-Dichlorophenol	7.95	162	156991	24.52	ng		94
30) 1,2,4-Trichlorobenzene	8.03	180	153821	21.90	ng		98
31) Naphthalene	8.11	128	533998	22.47	ng		99
32) Benzoic acid	7.83	122	39110	6.80	ng		92
33) 4-Chloroaniline	8.16	127	115960	10.97	ng		95
34) Hexachlorobutadiene	8.24	225	83775	22.27	ng		99
35) Caprolactam	8.51	113	47561	21.88	ng	#	79
36) 4-Chloro-3-methylphenol	8.65	107	158951	21.00	ng		88
37) 2-Methylnaphthalene	8.81	142	343032	22.42	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	137129	20.38	ng	#	1
40) Hexachlorocyclopentadiene	8.96	237	61519	18.62	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	108197	24.38	ng		98
43) 2,4,5-Trichlorophenol	9.12	196	93031	24.37	ng	#	86
45) 1,1'-Biphenyl	9.27	154	387529	23.13	ng		99
46) 2-Chloronaphthalene	9.29	162	297321	22.60	ng		99
47) 2-Nitroaniline	9.38	65	102531	21.96	ng		93
48) Acenaphthylene	9.70	152	456747	21.82	ng		100
49) Dimethylphthalate	9.58	163	618968	42.94	ng		98
50) 2,6-Dinitrotoluene	9.63	165	75768	23.71	ng		94
51) Acenaphthene	9.87	154	269923	21.04	ng		98
52) 3-Nitroaniline	9.79	138	87617	21.57	ng		100
53) 2,4-Dinitrophenol	9.90	184	14623	10.37	ng	#	89
54) Dibenzofuran	10.04	168	396675	23.62	ng	#	89
55) 4-Nitrophenol	9.95	139	156151	50.59	ng		96
56) 2,4-Dinitrotoluene	10.02	165	85656	20.50	ng	#	36
57) Fluorene	10.39	166	287534	22.22	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	66711	22.58	ng	#	54
59) Diethylphthalate	10.27	149	372326	25.74	ng		97
60) 4-Chlorophenyl-phenylether	10.39	204	140725	23.40	ng		90
61) 4-Nitroaniline	10.40	138	76079	19.47	ng		92
62) Azobenzene	10.55	77	390758	23.68	ng		92
64) 4,6-Dinitro-2-methylphenol	10.43	198	8698	4.79	ng	#	71
65) n-Nitrosodiphenylamine	10.50	169	285433	24.84	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	78553	22.96	ng	#	72
67) Hexachlorobenzene	10.94	284	81992	21.65	ng		91
68) Atrazine	11.03	200	82284	22.98	ng		93
69) Pentachlorophenol	11.13	266	122170	54.51	ng		98
70) Phenanthrene	11.35	178	415461	22.39	ng		98
71) Anthracene	11.39	178	383307	20.77	ng		99
72) Carbazole	11.55	167	369130	21.25	ng		97
73) Di-n-butylphthalate	11.90	149	488360	24.17	ng	#	97
74) Fluoranthene	12.53	202	361691	19.22	ng		98
76) Benzidine	12.65	184	100740	8.85	ng		98
77) Pyrene	12.75	202	363672	19.04	ng		98
79) Butylbenzylphthalate	13.38	149	182661	21.44	ng		90
80) Benzo(a)anthracene	13.93	228	296678	20.46	ng		100
81) 3,3'-Dichlorobenzidine	13.91	252	101805	18.67	ng		98
82) Chrysene	13.98	228	287405	20.03	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	264404	27.19	ng		97
84) Di-n-octyl phthalate	14.55	149	418370	25.32	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.69	276	223035	20.20	ng	#	100
87) Benzo(b)fluoranthene	14.95	252	254717m	19.64	ng		
88) Benzo(k)fluoranthene	14.97	252	249910m	22.14	ng		
89) Benzo(a)pyrene	15.29	252	232539	21.18	ng	#	95
90) Dibenzo(a,h)anthracene	16.71	278	189214	20.64	ng		98
91) Benzo(g,h,i)perylene	17.10	276	176017	18.55	ng		95

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

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