Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088598.D
Acq On : 2 Jul 2016 3:04
Operator : UM/SJ
Sample : H3816-14MS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-COMPMS

Manual Integrations APPROVED
sohil
7/5/2016 7:31:27 PM

Quant Time: Jul 02 04:11:49 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	149133	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	550835	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	244585	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	397028	20.00	ng		0.00
75) Chrysene-d12	13.95	240	248835	20.00	ng		0.00
86) Perylene-d12	15.35	264	234886	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	934803	93.94	ng		0.02
7) Phenol-d6	6.44	99	1388272	107.97	ng		0.00
23) Nitrobenzene-d5	7.37	82	883523	84.06	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	236737	104.23	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1307738	84.46	ng		0.00
78) Terphenyl-d14	12.90	244	802866	71.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	141585	28.70	ng	#	33
3) Pyridine	3.16	79	198621	13.87	ng		95
4) n-Nitrosodimethylamine	3.07	42	101744	18.60	ng		86
6) Aniline	6.47	93	205853	10.99	ng	#	50
8) 2-Chlorophenol	6.59	128	216670	20.26	ng		96
9) Benzaldehyde	6.35	77	154358	17.72	ng		93
10) Phenol	6.46	94	221945	15.12	ng	#	49
11) bis(2-Chloroethyl)ether	6.55	93	213736	19.53	ng		93
12) 1,3-Dichlorobenzene	6.75	146	219168	18.62	ng		95
13) 1,4-Dichlorobenzene	6.82	146	215284	18.43	ng		93
14) 1,2-Dichlorobenzene	6.98	146	226678m	20.73	ng		
15) Benzyl Alcohol	6.95	79	192552	20.35	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	301065	19.00	ng		93
17) 2-Methylphenol	7.07	107	185304	21.24	ng		96
18) Hexachloroethane	7.32	117	75671	16.75	ng		91
19) n-Nitroso-di-n-propylamine	7.22	70	161278	18.67	ng		97
20) 3+4-Methylphenols	7.22	107	226421	21.62	ng	#	78
22) Acetophenone	7.22	105	312343	23.36	ng	#	89
24) Nitrobenzene	7.39	77	268156	25.30	ng	#	86
25) Isophorone	7.63	82	448541	23.04	ng		98
26) 2-Nitrophenol	7.71	139	90910	20.92	ng	#	78
27) 2,4-Dimethylphenol	7.75	122	169286	18.70	ng		90
28) bis(2-Chloroethoxy)methane	7.85	93	305137	24.08	ng	#	96
29) 2,4-Dichlorophenol	7.95	162	178758	24.44	ng		96
30) 1,2,4-Trichlorobenzene	8.03	180	173055	21.56	ng		98
31) Naphthalene	8.11	128	587388	21.63	ng		99
32) Benzoic acid	7.83	122	40099	6.10	ng		92
33) 4-Chloroaniline	8.16	127	118830	9.84	ng		94
34) Hexachlorobutadiene	8.24	225	94629	22.01	ng		99
35) Caprolactam	8.51	113	54366	21.88	ng		91
36) 4-Chloro-3-methylphenol	8.65	107	184659	21.35	ng		92
37) 2-Methylnaphthalene	8.81	142	390832	22.35	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	154958	19.05	ng	#	1
40) Hexachlorocyclopentadiene	8.96	237	81558	20.43	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	125331	23.37	ng		98
43) 2,4,5-Trichlorophenol	9.12	196	103767	22.49	ng	#	87
45) 1,1'-Biphenyl	9.27	154	426275	21.05	ng		98
46) 2-Chloronaphthalene	9.29	162	337888	21.25	ng		98
47) 2-Nitroaniline	9.38	65	111969	19.84	ng		93
48) Acenaphthylene	9.70	152	500867	19.80	ng		100
49) Dimethylphthalate	9.58	163	738331	42.37	ng		98
50) 2,6-Dinitrotoluene	9.63	165	87058	22.54	ng		97
51) Acenaphthene	9.87	154	313877	20.24	ng		99
52) 3-Nitroaniline	9.79	138	94785	19.31	ng		97
53) 2,4-Dinitrophenol	9.90	184	21881	12.83	ng		92
54) Dibenzofuran	10.04	168	445284	21.94	ng	#	88
55) 4-Nitrophenol	9.95	139	166097	44.52	ng		95
56) 2,4-Dinitrotoluene	10.03	165	99758	19.76	ng		91
57) Fluorene	10.39	166	318839	20.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	77723	21.77	ng	#	54
59) Diethylphthalate	10.27	149	431690	24.69	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	162181	22.32	ng		92
61) 4-Nitroaniline	10.40	138	78301	16.57	ng		87
62) Azobenzene	10.55	77	448425	22.48	ng		94
64) 4,6-Dinitro-2-methylphenol	10.43	198	14041	6.61	ng	#	72
65) n-Nitrosodiphenylamine	10.50	169	313315	23.32	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	88034	22.00	ng	#	70
67) Hexachlorobenzene	10.94	284	93674	21.15	ng		92
68) Atrazine	11.03	200	90662	21.65	ng		92
69) Pentachlorophenol	11.13	266	139877	53.36	ng		97
70) Phenanthrene	11.35	178	460554	21.22	ng		99
71) Anthracene	11.39	178	423525	19.63	ng		99
72) Carbazole	11.55	167	411859	20.28	ng		97
73) Di-n-butylphthalate	11.90	149	566594	23.98	ng	#	97
74) Fluoranthene	12.53	202	388473	17.66	ng		97
76) Benzidine	12.65	184	102173	8.12	ng		98
77) Pyrene	12.75	202	404208	19.16	ng		99
79) Butylbenzylphthalate	13.38	149	202380	21.50	ng		87
80) Benzo(a)anthracene	13.94	228	327693	20.45	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	113515	18.84	ng		99
82) Chrysene	13.98	228	330178	20.83	ng		97
83) Bis(2-ethylhexyl)phthalate	13.94	149	274459	25.54	ng		97
84) Di-n-octyl phthalate	14.55	149	464193	25.43	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.70	276	244013	20.01	ng	#	100
87) Benzo(b)fluoranthene	14.95	252	279735m	18.98	ng		
88) Benzo(k)fluoranthene	14.98	252	289377m	22.56	ng		
89) Benzo(a)pyrene	15.29	252	262477	21.04	ng	#	95
90) Dibenzo(a,h)anthracene	16.71	278	205751	19.75	ng		98
91) Benzo(g,h,i)perylene	17.10	276	194519	18.04	ng		97

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

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