Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
Data File : BF084558.D
Acq On : 19 Jan 2016 18:01
Operator : SJ/UM
Sample : H1169-07MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-004(0-2)MS

Manual Integrations APPROVED
mohammad
1/20/2016 2:22:47 PM

Quant Time: Jan 20 03:37:29 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	209416	20.00	ng		-0.03
21) Naphthalene-d8	8.09	136	818699	20.00	ng		-0.03
38) Acenaphthene-d10	9.84	164	374079	20.00	ng		-0.03
63) Phenanthrene-d10	11.32	188	661257	20.00	ng		-0.03
75) Chrysene-d12	13.95	240	386063	20.00	ng		-0.05
86) Perylene-d12	15.36	264	349076	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1378631	106.48	ng		-0.03
7) Phenol-d6	6.44	99	1793181	110.28	ng		-0.03
23) Nitrobenzene-d5	7.37	82	1232819	83.81	ng		-0.03
41) 2,4,6-Tribromophenol	10.62	330	394715	104.51	ng		-0.05
44) 2-Fluorobiphenyl	9.16	172	1582408	73.56	ng		-0.03
78) Terphenyl-d14	12.90	244	1242173	71.82	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	204137	33.28	ng	#	76
3) Pyridine	3.12	79	377137	22.05	ng	#	68
4) n-Nitrosodimethylamine	3.06	42	268067	30.54	ng	#	70
6) Aniline	6.45	93	478697	20.12	ng	#	16
8) 2-Chlorophenol	6.58	128	574857	39.13	ng		86
9) Benzaldehyde	6.34	77	30370	2.87	ng	#	75
10) Phenol	6.45	94	645679	34.92	ng		74
11) bis(2-Chloroethyl)ether	6.53	93	570530	39.84	ng		84
12) 1,3-Dichlorobenzene	6.74	146	616740	40.70	ng		98
13) 1,4-Dichlorobenzene	6.81	146	579802	38.16	ng		97
14) 1,2-Dichlorobenzene	6.97	146	598047	41.10	ng		99
15) Benzyl Alcohol	6.94	79	491319	35.92	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.08	45	930358	35.67	ng		87
17) 2-Methylphenol	7.07	107	484278	39.34	ng	#	93
18) Hexachloroethane	7.31	117	256772m	42.26	ng		
19) n-Nitroso-di-n-propylamine	7.22	70	427503	38.84	ng	#	76
20) 3+4-Methylphenols	7.22	107	572134	39.54	ng	#	77
22) Acetophenone	7.21	105	846821	43.02	ng		97
24) Nitrobenzene	7.38	77	588533	39.45	ng		94
25) Isophorone	7.63	82	1168502	41.53	ng	#	94
26) 2-Nitrophenol	7.70	139	315778	46.50	ng	#	85
27) 2,4-Dimethylphenol	7.74	122	525032	38.20	ng		96
28) bis(2-Chloroethoxy)methane	7.84	93	677640	39.43	ng		98
29) 2,4-Dichlorophenol	7.95	162	503702	44.00	ng		95
30) 1,2,4-Trichlorobenzene	8.03	180	514556	43.53	ng	#	94
31) Naphthalene	8.11	128	1815227	48.87	ng		100
32) Benzoic acid	7.82	122	52308	11.39	ng	#	50
33) 4-Chloroaniline	8.16	127	384460	22.58	ng		99
34) Hexachlorobutadiene	8.22	225	283786	41.77	ng		99
35) Caprolactam	8.53	113	187483m	48.58	ng		
36) 4-Chloro-3-methylphenol	8.65	107	503421	39.25	ng		93
37) 2-Methylnaphthalene	8.80	142	1117739	41.92	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	469497	43.66	ng		99
40) Hexachlorocyclopentadiene	8.96	237	352168	54.25	ng		99

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Quant Time: Jan 20 03:37:29 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	331259	41.17	ng		95
43) 2,4,5-Trichlorophenol	9.13	196	333557	43.25	ng	#	90
45) 1,1'-Biphenyl	9.26	154	1338168	45.01	ng		98
46) 2-Chloronaphthalene	9.29	162	997480	42.71	ng		92
47) 2-Nitroaniline	9.38	65	332534	43.14	ng		94
48) Acenaphthylene	9.70	152	1412201	40.93	ng		97
49) Dimethylphthalate	9.57	163	1566225	58.57	ng	#	91
50) 2,6-Dinitrotoluene	9.63	165	283564	48.35	ng	#	79
51) Acenaphthene	9.87	154	965740	41.73	ng		97
52) 3-Nitroaniline	9.79	138	216130	29.74	ng		98
53) 2,4-Dinitrophenol	9.90	184	134576	55.02	ng		92
54) Dibenzofuran	10.04	168	1203274	39.80	ng		90
55) 4-Nitrophenol	9.97	139	405041	76.78	ng	#	85
56) 2,4-Dinitrotoluene	10.03	165	334900	45.11	ng		94
57) Fluorene	10.38	166	951467	40.83	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	271907	41.29	ng		89
59) Diethylphthalate	10.27	149	1152268	43.70	ng		97
60) 4-Chlorophenyl-phenylether	10.38	204	441595	45.19	ng	#	83
61) 4-Nitroaniline	10.41	138	235757	36.39	ng		94
62) Azobenzene	10.53	77	1125671	38.92	ng		86
64) 4,6-Dinitro-2-methylphenol	10.44	198	148584	36.82	ng		76
65) n-Nitrosodiphenylamine	10.50	169	904004	42.76	ng		97
66) 4-Bromophenyl-phenylether	10.86	248	281156	39.50	ng	#	76
67) Hexachlorobenzene	10.93	284	321812	40.17	ng		100
68) Atrazine	11.02	200	250270	36.17	ng		98
69) Pentachlorophenol	11.13	266	285008	68.62	ng		97
70) Phenanthrene	11.34	178	1476616	42.69	ng		97
71) Anthracene	11.39	178	1385838	40.87	ng		99
72) Carbazole	11.55	167	1145326	34.55	ng		99
73) Di-n-butylphthalate	11.89	149	1637411	47.00	ng		98
74) Fluoranthene	12.53	202	1436815	39.76	ng		93
76) Benzidine	12.66	184	107784	7.79	ng		99
77) Pyrene	12.76	202	1372953	45.32	ng		99
79) Butylbenzylphthalate	13.38	149	523703	39.95	ng		88
80) Benzo(a)anthracene	13.94	228	994782	43.88	ng		98
81) 3,3'-Dichlorobenzidine	13.91	252	268014	33.88	ng	#	92
82) Chrysene	13.99	228	921948	42.32	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	671498	40.54	ng		99
84) Di-n-octyl phthalate	14.56	149	1192579	42.65	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.73	276	941872	54.55	ng		98
87) Benzo(b)fluoranthene	14.97	252	1192080m	52.21	ng		
88) Benzo(k)fluoranthene	14.99	252	775682m	41.54	ng		
89) Benzo(a)pyrene	15.30	252	962971	49.72	ng	#	95
90) Dibenzo(a,h)anthracene	16.74	278	761933	45.72	ng		96
91) Benzo(g,h,i)perylene	17.14	276	774061	44.85	ng		95

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

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