Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070816\
Data File : BF088828.D
Acq On : 8 Jul 2016 16:27
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
UMANGI
7/10/2016 12:33:51 AM

Quant Time: Jul 08 19:41:00 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 18:51:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	87493	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	363578	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	172891	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	319378	20.00	ng		0.00
75) Chrysene-d12	13.87	240	198367	20.00	ng		0.00
86) Perylene-d12	15.25	264	175910	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	450035	77.09	ng		-0.01
7) Phenol-d6	6.38	99	568128	75.32	ng		0.00
23) Nitrobenzene-d5	7.30	82	493992	71.20	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	149249	92.96	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	845933	77.29	ng		0.00
78) Terphenyl-d14	12.82	244	739838	83.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	103867	35.89	ng	#	27
3) Pyridine	2.91	79	300100	35.73	ng		91
4) n-Nitrosodimethylamine	2.88	42	112739	35.14	ng		87
6) Aniline	6.40	93	406921	37.02	ng		100
8) 2-Chlorophenol	6.51	128	241396	38.47	ng		98
9) Benzaldehyde	6.27	77	161299	31.57	ng		88
10) Phenol	6.39	94	330641	38.41	ng	#	58
11) bis(2-Chloroethyl)ether	6.48	93	251676	39.20	ng	#	80
12) 1,3-Dichlorobenzene	6.67	146	281623	40.79	ng		99
13) 1,4-Dichlorobenzene	6.75	146	291043	42.47	ng		99
14) 1,2-Dichlorobenzene	6.90	146	239293m	37.30	ng		
15) Benzyl Alcohol	6.88	79	201854	36.36	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.02	45	298944	32.15	ng		89
17) 2-Methylphenol	6.99	107	206948	40.43	ng		96
18) Hexachloroethane	7.24	117	105108	39.65	ng	#	86
19) n-Nitroso-di-n-propylamine	7.16	70	195459	38.58	ng	#	84
20) 3+4-Methylphenols	7.15	107	226948	36.94	ng	#	80
22) Acetophenone	7.15	105	371067	42.05	ng	#	90
24) Nitrobenzene	7.32	77	284729	40.70	ng		96
25) Isophorone	7.56	82	478206	37.21	ng		96
26) 2-Nitrophenol	7.63	139	118975	41.48	ng		94
27) 2,4-Dimethylphenol	7.68	122	211990	35.48	ng		87
28) bis(2-Chloroethoxy)methane	7.78	93	327381	39.15	ng	#	97
29) 2,4-Dichlorophenol	7.88	162	201470	41.73	ng		92
30) 1,2,4-Trichlorobenzene	7.96	180	230703	43.54	ng		100
31) Naphthalene	8.04	128	783480	43.71	ng		99
32) Benzoic acid	7.83	122	162931	37.56	ng		92
33) 4-Chloroaniline	8.09	127	295045	37.00	ng		96
34) Hexachlorobutadiene	8.16	225	118731	41.85	ng		97
35) Caprolactam	8.47	113	66842	40.76	ng		91
36) 4-Chloro-3-methylphenol	8.58	107	254750	44.62	ng		96
37) 2-Methylnaphthalene	8.73	142	461369	39.98	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	250542	43.57	ng	#	1
40) Hexachlorocyclopentadiene	8.89	237	102256	36.23	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	138589	36.55	ng		96
43) 2,4,5-Trichlorophenol	9.05	196	146635	44.95	ng	#	93
45) 1,1'-Biphenyl	9.20	154	616472	43.06	ng		96
46) 2-Chloronaphthalene	9.22	162	465287	41.40	ng		95
47) 2-Nitroaniline	9.31	65	150666	37.77	ng		98
48) Acenaphthylene	9.63	152	751661	42.03	ng		99
49) Dimethylphthalate	9.51	163	502334	40.78	ng		98
50) 2,6-Dinitrotoluene	9.55	165	107000	39.20	ng	#	38
51) Acenaphthene	9.80	154	473918m	43.23	ng		
52) 3-Nitroaniline	9.72	138	128763	37.10	ng		93
53) 2,4-Dinitrophenol	9.83	184	51795	42.97	ng		88
54) Dibenzofuran	9.98	168	586017	40.84	ng		96
55) 4-Nitrophenol	9.88	139	85657	32.48	ng		92
56) 2,4-Dinitrotoluene	9.96	165	148772	41.68	ng	#	88
57) Fluorene	10.31	166	436995	39.52	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	103835	41.14	ng	#	47
59) Diethylphthalate	10.19	149	480763	38.89	ng		98
60) 4-Chlorophenyl-phenylether	10.31	204	197989	38.54	ng		92
61) 4-Nitroaniline	10.34	138	139612	41.81	ng		95
62) Azobenzene	10.47	77	545910	38.72	ng		97
64) 4,6-Dinitro-2-methylphenol	10.36	198	72196	42.26	ng		97
65) n-Nitrosodiphenylamine	10.43	169	429750	39.76	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	136474	42.40	ng		97
67) Hexachlorobenzene	10.86	284	131363	36.87	ng		92
68) Atrazine	10.96	200	133690	39.69	ng		94
69) Pentachlorophenol	11.05	266	80725	38.29	ng		96
70) Phenanthrene	11.27	178	658282	37.71	ng		99
71) Anthracene	11.32	178	685900	39.51	ng		98
72) Carbazole	11.47	167	586663	35.91	ng		99
73) Di-n-butylphthalate	11.82	149	789559	41.54	ng		99
74) Fluoranthene	12.45	202	608558	34.38	ng		97
76) Benzidine	12.57	184	375709	37.47	ng		99
77) Pyrene	12.67	202	676052	40.19	ng		99
79) Butylbenzylphthalate	13.30	149	295318	39.36	ng	#	81
80) Benzo(a)anthracene	13.85	228	506393	39.65	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	197653	41.16	ng		98
82) Chrysene	13.90	228	533320	42.20	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	346833	40.49	ng		98
84) Di-n-octyl phthalate	14.47	149	550550	37.84	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.55	276	417490	42.94	ng	#	100
87) Benzo(b)fluoranthene	14.86	252	519436m	47.07	ng		
88) Benzo(k)fluoranthene	14.89	252	307759m	32.04	ng		
89) Benzo(a)pyrene	15.19	252	369680	39.57	ng		96
90) Dibenzo(a,h)anthracene	16.56	278	355367	45.55	ng		98
91) Benzo(g,h,i)perylene	16.94	276	371165	45.97	ng		98

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

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