Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
Data File : BF089821.D
Acq On : 23 Aug 2016 9:02
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
UMANGI
8/25/2016 5:23:56 PM

Quant Time: Aug 25 13:16:49 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	493430	20.00	ng		-0.01
21) Naphthalene-d8	7.95	136	2010331	20.00	ng		-0.02
38) Acenaphthene-d10	9.71	164	996269	20.00	ng		0.00
63) Phenanthrene-d10	11.19	188	1852705	20.00	ng		0.00
75) Chrysene-d12	13.87	240	1511290	20.00	ng		0.00
86) Perylene-d12	15.38	264	1627350	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	2301499	79.99	ng		-0.02
7) Phenol-d6	6.31	99	2932981	83.04	ng		-0.01
23) Nitrobenzene-d5	7.23	82	2738032	84.61	ng		-0.02
41) 2,4,6-Tribromophenol	10.49	330	761876	80.47	ng		-0.01
44) 2-Fluorobiphenyl	9.04	172	4083817	72.04	ng		-0.01
78) Terphenyl-d14	12.78	244	4075277	61.00	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	581354	40.83	ng		94
3) Pyridine	2.75	79	1645662	44.06	ng		91
4) n-Nitrosodimethylamine	2.71	42	566698	40.76	ng	#	75
6) Aniline	6.33	93	2066813	43.62	ng		98
8) 2-Chlorophenol	6.44	128	1397069	40.60	ng		94
9) Benzaldehyde	6.20	77	917796	39.89	ng		93
10) Phenol	6.32	94	1782369	43.05	ng		98
11) bis(2-Chloroethyl)ether	6.41	93	1380670	43.01	ng		99
12) 1,3-Dichlorobenzene	6.60	146	1468832	40.83	ng		98
13) 1,4-Dichlorobenzene	6.68	146	1504049	40.68	ng		99
14) 1,2-Dichlorobenzene	6.84	146	1462662	42.38	ng		99
15) Benzyl Alcohol	6.82	79	1004639	42.89	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1641231	39.95	ng		93
17) 2-Methylphenol	6.94	107	1179135	43.75	ng		95
18) Hexachloroethane	7.19	117	580185	43.99	ng		94
19) n-Nitroso-di-n-propylamine	7.10	70	864096	38.25	ng		89
20) 3+4-Methylphenols	7.10	107	1508063	45.64	ng	#	51
22) Acetophenone	7.08	105	1727697	37.43	ng	#	89
24) Nitrobenzene	7.26	77	1387450	38.22	ng		95
25) Isophorone	7.50	82	2607850	39.96	ng		99
26) 2-Nitrophenol	7.58	139	864186	47.71	ng		97
27) 2,4-Dimethylphenol	7.62	122	1388000	42.52	ng		98
28) bis(2-Chloroethoxy)methane	7.72	93	1678643	41.57	ng	#	95
29) 2,4-Dichlorophenol	7.82	162	1207225	44.07	ng		97
30) 1,2,4-Trichlorobenzene	7.90	180	1217987	40.20	ng		99
31) Naphthalene	7.98	128	3497149	37.22	ng		98
32) Benzoic acid	7.75	122	1040824	40.91	ng		97
33) 4-Chloroaniline	8.03	127	1878833	46.13	ng	#	95
34) Hexachlorobutadiene	8.10	225	630208	39.72	ng		100
35) Caprolactam	8.41	113	342123	41.01	ng		97
36) 4-Chloro-3-methylphenol	8.51	107	1118066	37.69	ng		91
37) 2-Methylnaphthalene	8.67	142	2632162	43.30	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	1170941	36.30	ng		97
40) Hexachlorocyclopentadiene	8.83	237	609047	54.38	ng		98

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	845543	41.66	ng		99
43) 2,4,5-Trichlorophenol	8.98	196	806150	39.94	ng	#	92
45) 1,1'-Biphenyl	9.14	154	3174985	41.18	ng		94
46) 2-Chloronaphthalene	9.15	162	2326190	38.17	ng		99
47) 2-Nitroaniline	9.26	65	798982	45.96	ng	#	69
48) Acenaphthylene	9.56	152	3731448	40.75	ng		99
49) Dimethylphthalate	9.45	163	3071516	43.79	ng		99
50) 2,6-Dinitrotoluene	9.50	165	612475	37.82	ng	#	84
51) Acenaphthene	9.75	154	2637978	43.52	ng		99
52) 3-Nitroaniline	9.67	138	868060	48.38	ng		86
53) 2,4-Dinitrophenol	9.77	184	302321	40.85	ng	#	64
54) Dibenzofuran	9.91	168	3076220	40.41	ng		99
55) 4-Nitrophenol	9.83	139	737472	50.35	ng		94
56) 2,4-Dinitrotoluene	9.90	165	797380	37.95	ng	#	70
57) Fluorene	10.25	166	2362325	38.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	669924	45.60	ng		96
59) Diethylphthalate	10.15	149	2908841	40.82	ng		98
60) 4-Chlorophenyl-phenylether	10.25	204	1081816	39.09	ng		94
61) 4-Nitroaniline	10.27	138	740911	44.04	ng		98
62) Azobenzene	10.41	77	2600596	38.82	ng		96
64) 4,6-Dinitro-2-methylphenol	10.31	198	490769	46.10	ng	#	67
65) n-Nitrosodiphenylamine	10.38	169	2478964	42.55	ng		99
66) 4-Bromophenyl-phenylether	10.74	248	782659	40.29	ng	#	82
67) Hexachlorobenzene	10.80	284	830897	37.50	ng	#	83
68) Atrazine	10.90	200	650952	36.49	ng		96
69) Pentachlorophenol	10.99	266	587321	46.76	ng		98
70) Phenanthrene	11.21	178	3691726	39.45	ng		96
71) Anthracene	11.26	178	3630150	38.16	ng		99
72) Carbazole	11.42	167	3457967	40.53	ng		97
73) Di-n-butylphthalate	11.77	149	4528324	42.42	ng		97
74) Fluoranthene	12.39	202	3559145	39.99	ng		93
76) Benzidine	12.53	184	2305795	47.15	ng		99
77) Pyrene	12.62	202	3685329	29.95	ng		96
79) Butylbenzylphthalate	13.28	149	1926032	34.65	ng		90
80) Benzo(a)anthracene	13.86	228	3488923	40.31	ng		97
81) 3,3'-Dichlorobenzidine	13.84	252	1504854	53.03	ng	#	95
82) Chrysene	13.91	228	3146048	42.40	ng		97
83) Bis(2-ethylhexyl)phthalate	13.90	149	2675984	34.95	ng		97
84) Di-n-octyl phthalate	14.58	149	4597962	45.19	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.69	276	3596280	37.99	ng		99
87) Benzo(b)fluoranthene	14.99	252	4237729m	47.34	ng		
88) Benzo(k)fluoranthene	15.03	252	2502622m	30.81	ng		
89) Benzo(a)pyrene	15.34	252	3401724	40.14	ng	#	96
90) Dibenzo(a,h)anthracene	16.71	278	2989955	32.51	ng		98
91) Benzo(g,h,i)perylene	17.07	276	2922593	30.18	ng	#	94

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

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