Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
Data File : BF088272.D
Acq On : 23 Jun 2016 3:35
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
umangi
6/23/2016 7:03:40 PM

Quant Time: Jun 23 04:35:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	82687	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	327118	20.00	ng		0.00
38) Acenaphthene-d10	9.64	164	142002	20.00	ng		0.00
63) Phenanthrene-d10	11.12	188	216121	20.00	ng		0.00
75) Chrysene-d12	13.75	240	165759	20.00	ng		0.00
86) Perylene-d12	15.11	264	141399	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	406328	84.01	ng		0.01
7) Phenol-d6	6.27	99	448008	76.43	ng		0.01
23) Nitrobenzene-d5	7.19	82	438604	78.30	ng		0.01
41) 2,4,6-Tribromophenol	10.43	330	90420	60.30	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	732161	80.72	ng		0.00
78) Terphenyl-d14	12.70	244	538657	73.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	92695	39.44	ng	#	44
3) Pyridine	2.65	79	249321	44.93	ng		99
4) n-Nitrosodimethylamine	2.62	42	85494	36.38	ng		80
6) Aniline	6.27	93	284432	34.09	ng	#	73
8) 2-Chlorophenol	6.40	128	222081	38.79	ng		81
9) Benzaldehyde	6.15	77	140752	38.17	ng		94
10) Phenol	6.28	94	283669	46.98	ng		97
11) bis(2-Chloroethyl)ether	6.35	93	224695	43.72	ng		85
12) 1,3-Dichlorobenzene	6.55	146	244424m	39.79	ng		
13) 1,4-Dichlorobenzene	6.63	146	246916	39.90	ng		96
14) 1,2-Dichlorobenzene	6.78	146	222673m	39.57	ng		
15) Benzyl Alcohol	6.76	79	147417	32.15	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.90	45	234108	33.71	ng		66
17) 2-Methylphenol	6.89	107	170113	36.64	ng		95
18) Hexachloroethane	7.12	117	70208	31.98	ng	#	89
19) n-Nitroso-di-n-propylamine	7.04	70	144463	38.52	ng	#	87
20) 3+4-Methylphenols	7.05	107	223087	41.18	ng	#	77
22) Acetophenone	7.03	105	295249	40.39	ng	#	97
24) Nitrobenzene	7.20	77	204175	37.63	ng		88
25) Isophorone	7.44	82	383412	36.95	ng		97
26) 2-Nitrophenol	7.52	139	106790	36.74	ng	#	81
27) 2,4-Dimethylphenol	7.58	122	203190	37.97	ng		98
28) bis(2-Chloroethoxy)methane	7.66	93	241253	37.49	ng	#	96
29) 2,4-Dichlorophenol	7.77	162	179433	40.15	ng		95
30) 1,2,4-Trichlorobenzene	7.84	180	183440	37.70	ng		99
31) Naphthalene	7.92	128	642150	39.67	ng		99
32) Benzoic acid	7.72	122	85828	29.12	ng		94
33) 4-Chloroaniline	7.98	127	257537	35.63	ng		98
34) Hexachlorobutadiene	8.03	225	96024	37.42	ng		98
35) Caprolactam	8.36	113	59399	40.13	ng	#	70
36) 4-Chloro-3-methylphenol	8.48	107	181939	38.07	ng		97
37) 2-Methylnaphthalene	8.60	142	369036m	34.59	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	170469	46.73	ng	#	1
40) Hexachlorocyclopentadiene	8.76	237	10070	4.40	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	107119	37.72	ng		99
43) 2,4,5-Trichlorophenol	8.95	196	106482	36.04	ng		99
45) 1,1'-Biphenyl	9.07	154	481998	45.26	ng		98
46) 2-Chloronaphthalene	9.10	162	373726	40.67	ng		97
47) 2-Nitroaniline	9.20	65	97494	35.97	ng		89
48) Acenaphthylene	9.51	152	553443	37.86	ng		100
49) Dimethylphthalate	9.38	163	419178	40.75	ng		100
50) 2,6-Dinitrotoluene	9.45	165	89911	38.17	ng	#	88
51) Acenaphthene	9.68	154	334855	36.72	ng		98
52) 3-Nitroaniline	9.61	138	102523	37.72	ng		99
53) 2,4-Dinitrophenol	9.74	184	11716	13.78	ng	#	86
54) Dibenzofuran	9.85	168	473953	37.74	ng		94
55) 4-Nitrophenol	9.80	139	87112	41.29	ng	#	77
56) 2,4-Dinitrotoluene	9.85	165	99493	32.86	ng	#	62
57) Fluorene	10.19	166	366582	42.98	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	86712	37.35	ng	#	57
59) Diethylphthalate	10.08	149	438573	42.12	ng		100
60) 4-Chlorophenyl-phenylether	10.18	204	147679	35.36	ng		92
61) 4-Nitroaniline	10.23	138	108991	42.27	ng		99
62) Azobenzene	10.34	77	378147	36.73	ng		96
64) 4,6-Dinitro-2-methylphenol	10.26	198	15529	13.15	ng	#	75
65) n-Nitrosodiphenylamine	10.31	169	328196	45.76	ng		99
66) 4-Bromophenyl-phenylether	10.67	248	99959	43.11	ng		95
67) Hexachlorobenzene	10.73	284	91796	38.10	ng		92
68) Atrazine	10.83	200	71948	33.13	ng		90
69) Pentachlorophenol	10.94	266	69268	54.55	ng		96
70) Phenanthrene	11.14	178	463685	40.89	ng		99
71) Anthracene	11.20	178	476934	41.69	ng		98
72) Carbazole	11.36	167	453079	42.32	ng		99
73) Di-n-butylphthalate	11.69	149	555643	41.00	ng		99
74) Fluoranthene	12.33	202	460690	38.49	ng		94
76) Benzidine	12.46	184	259450	56.53	ng		98
77) Pyrene	12.55	202	435855	35.43	ng		99
79) Butylbenzylphthalate	13.18	149	216879	39.88	ng	#	85
80) Benzo(a)anthracene	13.74	228	364514	38.59	ng		100
81) 3,3'-Dichlorobenzidine	13.70	252	123408	48.58	ng	#	95
82) Chrysene	13.77	228	386974	43.55	ng		98
83) Bis(2-ethylhexyl)phthalate	13.74	149	275984	41.69	ng		97
84) Di-n-octyl phthalate	14.35	149	559421	52.01	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.38	276	298134	36.11	ng	#	100
87) Benzo(b)fluoranthene	14.74	252	336492m	34.14	ng		
88) Benzo(k)fluoranthene	14.77	252	340583m	45.81	ng		
89) Benzo(a)pyrene	15.06	252	316855	39.74	ng	#	95
90) Dibenzo(a,h)anthracene	16.38	278	253396	34.22	ng		98
91) Benzo(g,h,i)perylene	16.75	276	250373	32.87	ng		97

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

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