Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF070816\
Data File : BF088830.D
Acq On : 8 Jul 2016 17:56
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
UMANGI
7/10/2016 12:33:53 AM

Quant Time: Jul 08 19:45:01 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	89378	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	369310	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	172839	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	323085	20.00	ng		0.00
75) Chrysene-d12	13.87	240	203126	20.00	ng		0.00
86) Perylene-d12	15.25	264	189632	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	418180	70.12	ng		-0.01
7) Phenol-d6	6.38	99	575575	74.69	ng		0.00
23) Nitrobenzene-d5	7.30	82	493262	69.99	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	151556	94.43	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	864820	79.04	ng		0.00
78) Terphenyl-d14	12.82	244	784447	86.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	105565	35.70	ng	#	39
3) Pyridine	2.90	79	295286	34.42	ng		92
4) n-Nitrosodimethylamine	2.87	42	110982	33.86	ng		92
6) Aniline	6.40	93	406421	36.19	ng		99
8) 2-Chlorophenol	6.51	128	238731	37.25	ng		99
9) Benzaldehyde	6.27	77	164917	31.60	ng		88
10) Phenol	6.39	94	336659	38.28	ng	#	58
11) bis(2-Chloroethyl)ether	6.48	93	244133	37.22	ng	#	79
12) 1,3-Dichlorobenzene	6.67	146	288157	40.85	ng		99
13) 1,4-Dichlorobenzene	6.75	146	292458	41.77	ng		99
14) 1,2-Dichlorobenzene	6.90	146	245316m	37.44	ng		
15) Benzyl Alcohol	6.88	79	203342	35.85	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.02	45	296067	31.17	ng		89
17) 2-Methylphenol	6.99	107	202196	38.67	ng		97
18) Hexachloroethane	7.24	117	104971	38.76	ng	#	86
19) n-Nitroso-di-n-propylamine	7.16	70	190923	36.89	ng	#	82
20) 3+4-Methylphenols	7.15	107	227784	36.30	ng	#	81
22) Acetophenone	7.15	105	370537	41.34	ng	#	89
24) Nitrobenzene	7.32	77	278233	39.16	ng		100
25) Isophorone	7.56	82	476736	36.52	ng		97
26) 2-Nitrophenol	7.63	139	120259	41.27	ng		96
27) 2,4-Dimethylphenol	7.68	122	209740	34.56	ng		88
28) bis(2-Chloroethoxy)methane	7.78	93	333716	39.28	ng	#	98
29) 2,4-Dichlorophenol	7.88	162	202195	41.23	ng		92
30) 1,2,4-Trichlorobenzene	7.96	180	230329	42.79	ng		99
31) Naphthalene	8.04	128	778391	42.75	ng		99
32) Benzoic acid	7.83	122	161629	36.68	ng		90
33) 4-Chloroaniline	8.09	127	305195	37.68	ng		97
34) Hexachlorobutadiene	8.16	225	117215	40.67	ng		98
35) Caprolactam	8.47	113	65810	39.51	ng		90
36) 4-Chloro-3-methylphenol	8.58	107	253944	43.78	ng		97
37) 2-Methylnaphthalene	8.73	142	470959	40.17	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	252416	43.91	ng	#	1
40) Hexachlorocyclopentadiene	8.89	237	102315	36.26	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	137689	36.33	ng		96
43) 2,4,5-Trichlorophenol	9.05	196	149636	45.89	ng	#	95
45) 1,1'-Biphenyl	9.20	154	620574	43.36	ng		96
46) 2-Chloronaphthalene	9.22	162	465216	41.40	ng		95
47) 2-Nitroaniline	9.31	65	156265	39.19	ng		97
48) Acenaphthylene	9.63	152	753802	42.16	ng		99
49) Dimethylphthalate	9.51	163	511652	41.55	ng		98
50) 2,6-Dinitrotoluene	9.56	165	114271	41.87	ng	#	88
51) Acenaphthene	9.80	154	479236m	43.73	ng		
52) 3-Nitroaniline	9.72	138	129336	37.28	ng		93
53) 2,4-Dinitrophenol	9.83	184	51541	42.77	ng		90
54) Dibenzofuran	9.98	168	595738	41.53	ng		95
55) 4-Nitrophenol	9.88	139	85081	32.27	ng		90
56) 2,4-Dinitrotoluene	9.96	165	146205	40.97	ng	#	91
57) Fluorene	10.31	166	445886	40.34	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	106764	42.32	ng	#	47
59) Diethylphthalate	10.19	149	481359	38.95	ng		97
60) 4-Chlorophenyl-phenylether	10.31	204	200291	39.00	ng		92
61) 4-Nitroaniline	10.34	138	147470	44.17	ng		96
62) Azobenzene	10.47	77	552447	39.19	ng		96
64) 4,6-Dinitro-2-methylphenol	10.36	198	70736	40.93	ng		94
65) n-Nitrosodiphenylamine	10.43	169	441930	40.42	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	139892	42.97	ng		94
67) Hexachlorobenzene	10.86	284	134895	37.43	ng		94
68) Atrazine	10.96	200	135191	39.68	ng		92
69) Pentachlorophenol	11.05	266	79483	37.26	ng		97
70) Phenanthrene	11.27	178	670252	37.95	ng		99
71) Anthracene	11.31	178	701505	39.95	ng		99
72) Carbazole	11.47	167	621410	37.60	ng		99
73) Di-n-butylphthalate	11.82	149	812346	42.25	ng		99
74) Fluoranthene	12.45	202	651848	36.41	ng		98
76) Benzidine	12.57	184	396940	38.66	ng		99
77) Pyrene	12.67	202	686118	39.84	ng		100
79) Butylbenzylphthalate	13.30	149	311145	40.50	ng	#	83
80) Benzo(a)anthracene	13.86	228	551517	42.17	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	214142	43.55	ng	#	99
82) Chrysene	13.90	228	552221	42.67	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	369084	42.08	ng		98
84) Di-n-octyl phthalate	14.47	149	607830	40.79	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.55	276	430121	43.20	ng	#	100
87) Benzo(b)fluoranthene	14.86	252	552708m	46.46	ng		
88) Benzo(k)fluoranthene	14.89	252	327426m	31.62	ng		
89) Benzo(a)pyrene	15.19	252	391852	38.91	ng		97
90) Dibenzo(a,h)anthracene	16.56	278	365531	43.46	ng		98
91) Benzo(g,h,i)perylene	16.94	276	382196	43.91	ng		98

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

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