Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
Data File : BF088804.D
Acq On : 8 Jul 2016 3:28
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
SOHIL
7/8/2016 7:04:23 AM

Quant Time: Jul 08 04:17:35 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 01:56:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	79858	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	325175	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	120852	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	193554	20.00	ng		0.00
75) Chrysene-d12	13.90	240	157636	20.00	ng		0.01
86) Perylene-d12	15.27	264	139023	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	437213	82.05	ng		0.01
7) Phenol-d6	6.39	99	499387	72.53	ng		0.00
23) Nitrobenzene-d5	7.31	82	441649	71.18	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	93647	83.45	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	682714	89.23	ng		0.00
78) Terphenyl-d14	12.85	244	552507	78.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	93872	35.53	ng	#	37
3) Pyridine	2.92	79	277070	36.14	ng		91
4) n-Nitrosodimethylamine	2.88	42	99695	34.04	ng		93
6) Aniline	6.41	93	369790	36.85	ng		93
8) 2-Chlorophenol	6.52	128	223430	39.01	ng		95
9) Benzaldehyde	6.28	77	153362	32.88	ng		87
10) Phenol	6.40	94	248693	31.65	ng	#	40
11) bis(2-Chloroethyl)ether	6.49	93	237522	40.53	ng	#	82
12) 1,3-Dichlorobenzene	6.68	146	255037	40.47	ng		99
13) 1,4-Dichlorobenzene	6.76	146	268637	42.95	ng		99
14) 1,2-Dichlorobenzene	6.91	146	216062	36.90	ng	#	86
15) Benzyl Alcohol	6.89	79	175271	34.59	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.03	45	272336	32.09	ng		89
17) 2-Methylphenol	7.02	107	192940	41.30	ng		98
18) Hexachloroethane	7.26	117	74238	30.68	ng	#	81
19) n-Nitroso-di-n-propylamine	7.18	70	171048	36.99	ng	#	80
20) 3+4-Methylphenols	7.16	107	204815	36.53	ng	#	70
22) Acetophenone	7.16	105	332788	42.17	ng	#	92
24) Nitrobenzene	7.34	77	268655	42.94	ng		94
25) Isophorone	7.58	82	429326	37.35	ng		97
26) 2-Nitrophenol	7.64	139	84395	32.90	ng	#	90
27) 2,4-Dimethylphenol	7.69	122	180370	33.76	ng	#	85
28) bis(2-Chloroethoxy)methane	7.79	93	298440	39.90	ng	#	97
29) 2,4-Dichlorophenol	7.90	162	173612	40.20	ng		95
30) 1,2,4-Trichlorobenzene	7.98	180	195789	41.31	ng		100
31) Naphthalene	8.06	128	676332	42.19	ng		99
32) Benzoic acid	7.82	122	80734	20.81	ng		96
33) 4-Chloroaniline	8.10	127	249314	34.95	ng		96
34) Hexachlorobutadiene	8.17	225	103252	40.69	ng		97
35) Caprolactam	8.48	113	47068	32.09	ng		93
36) 4-Chloro-3-methylphenol	8.59	107	193782	37.95	ng		93
37) 2-Methylnaphthalene	8.74	142	362809	35.15	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	203868	50.72	ng	#	1
40) Hexachlorocyclopentadiene	8.90	237	7118	3.61	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	108762	41.04	ng		99
43) 2,4,5-Trichlorophenol	9.06	196	94034	41.24	ng	#	80
45) 1,1'-Biphenyl	9.21	154	476993	47.66	ng		98
46) 2-Chloronaphthalene	9.23	162	357777	45.54	ng		99
47) 2-Nitroaniline	9.32	65	104816	37.59	ng		96
48) Acenaphthylene	9.64	152	550027	44.00	ng		99
49) Dimethylphthalate	9.52	163	398696	46.31	ng		98
50) 2,6-Dinitrotoluene	9.58	165	83635	43.83	ng		98
51) Acenaphthene	9.82	154	300905	39.27	ng		99
52) 3-Nitroaniline	9.74	138	86795	35.78	ng		87
53) 2,4-Dinitrophenol	9.84	184	2729	3.24	ng	#	69
54) Dibenzofuran	9.99	168	420402	41.92	ng	#	89
55) 4-Nitrophenol	9.91	139	57648	31.27	ng	#	69
56) 2,4-Dinitrotoluene	9.98	165	102090	40.92	ng	#	85
57) Fluorene	10.33	166	340044	44.00	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	63155	35.80	ng	#	52
59) Diethylphthalate	10.22	149	377508	43.69	ng		96
60) 4-Chlorophenyl-phenylether	10.32	204	140607	39.15	ng	#	80
61) 4-Nitroaniline	10.34	138	89879	38.50	ng		82
62) Azobenzene	10.48	77	345994	35.10	ng		93
64) 4,6-Dinitro-2-methylphenol	10.38	198	7590	7.33	ng		93
65) n-Nitrosodiphenylamine	10.44	169	316665	48.34	ng		100
66) 4-Bromophenyl-phenylether	10.81	248	85565	43.87	ng	#	82
67) Hexachlorobenzene	10.88	284	96552	44.72	ng	#	80
68) Atrazine	10.97	200	74053	36.28	ng		91
69) Pentachlorophenol	11.07	266	44509	34.83	ng		99
70) Phenanthrene	11.28	178	407823	38.54	ng		99
71) Anthracene	11.34	178	458502	43.58	ng		99
72) Carbazole	11.50	167	408144	41.22	ng		97
73) Di-n-butylphthalate	11.83	149	472358	41.01	ng		99
74) Fluoranthene	12.47	202	477812	44.55	ng		98
76) Benzidine	12.59	184	306965	38.53	ng		99
77) Pyrene	12.70	202	510650	38.21	ng		99
79) Butylbenzylphthalate	13.33	149	236340	39.64	ng		94
80) Benzo(a)anthracene	13.87	228	415540	40.94	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	174631	45.76	ng		97
82) Chrysene	13.92	228	419009	41.72	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	298308	43.83	ng		99
84) Di-n-octyl phthalate	14.49	149	534037	46.18	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.59	276	284943	36.88	ng	#	100
87) Benzo(b)fluoranthene	14.89	252	372549m	42.72	ng		
88) Benzo(k)fluoranthene	14.91	252	290052m	38.20	ng		
89) Benzo(a)pyrene	15.22	252	305752	41.41	ng	#	93
90) Dibenzo(a,h)anthracene	16.61	278	249650	40.49	ng		100
91) Benzo(g,h,i)perylene	16.99	276	241353	37.83	ng	#	93

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

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