Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061516\
Data File : BF088040.D
Acq On : 15 Jun 2016 18:11
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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6/16/2016 6:46:06 PM

Quant Time: Jun 16 03:17:11 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:10:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	130209	20.00	ng		-0.05
21) Naphthalene-d8	8.03	136	514144	20.00	ng		-0.05
38) Acenaphthene-d10	9.78	164	226921	20.00	ng		-0.06
63) Phenanthrene-d10	11.27	188	428574	20.00	ng		-0.05
75) Chrysene-d12	13.90	240	271067	20.00	ng		-0.06
86) Perylene-d12	15.29	264	249075	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	605982	79.56	ng		-0.06
7) Phenol-d6	6.39	99	703730	76.24	ng		-0.05
23) Nitrobenzene-d5	7.31	82	687515	78.08	ng		-0.05
41) 2,4,6-Tribromophenol	10.57	330	153061	63.88	ng		-0.06
44) 2-Fluorobiphenyl	9.12	172	1169063	80.65	ng		-0.05
78) Terphenyl-d14	12.85	244	928428	77.94	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	159850	43.19	ng	#	42
3) Pyridine	2.95	79	390113	44.64	ng		93
4) n-Nitrosodimethylamine	2.91	42	142742	38.57	ng	#	77
6) Aniline	6.41	93	470575	35.82	ng	#	75
8) 2-Chlorophenol	6.54	128	346975	38.49	ng	#	80
9) Benzaldehyde	6.28	77	199410	31.79	ng		91
10) Phenol	6.40	94	365246	37.93	ng	#	53
11) bis(2-Chloroethyl)ether	6.49	93	340108	42.02	ng		88
12) 1,3-Dichlorobenzene	6.68	146	371499	38.41	ng		97
13) 1,4-Dichlorobenzene	6.76	146	388379	39.86	ng		97
14) 1,2-Dichlorobenzene	6.91	146	316260m	35.69	ng		
15) Benzyl Alcohol	6.89	79	248046	34.35	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	415644	38.01	ng		89
17) 2-Methylphenol	7.02	107	279585	38.24	ng		98
18) Hexachloroethane	7.26	117	136272	39.41	ng	#	89
19) n-Nitroso-di-n-propylamine	7.18	70	203085	34.39	ng		89
20) 3+4-Methylphenols	7.18	107	332830	39.02	ng	#	79
22) Acetophenone	7.16	105	411329	35.80	ng	#	93
24) Nitrobenzene	7.34	77	327567	38.41	ng		91
25) Isophorone	7.58	82	607633	37.26	ng		98
26) 2-Nitrophenol	7.66	139	197406	43.21	ng	#	73
27) 2,4-Dimethylphenol	7.70	122	338022	40.18	ng		97
28) bis(2-Chloroethoxy)methane	7.79	93	390746	38.63	ng	#	97
29) 2,4-Dichlorophenol	7.90	162	271612	38.67	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	281077	36.75	ng		99
31) Naphthalene	8.06	128	923756	36.31	ng		100
32) Benzoic acid	7.85	122	180048	38.87	ng		91
33) 4-Chloroaniline	8.11	127	438022	38.55	ng	#	94
34) Hexachlorobutadiene	8.17	225	148875	36.91	ng		98
35) Caprolactam	8.50	113	94728	40.72	ng	#	81
36) 4-Chloro-3-methylphenol	8.60	107	291325	38.79	ng		85
37) 2-Methylnaphthalene	8.74	142	593341	35.38	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	251170	41.39	ng	#	1
40) Hexachlorocyclopentadiene	8.90	237	112927	30.85	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	171471	37.79	ng		96
43) 2,4,5-Trichlorophenol	9.07	196	188031	39.83	ng		99
45) 1,1'-Biphenyl	9.21	154	654516	37.38	ng		99
46) 2-Chloronaphthalene	9.23	162	536867	36.56	ng		100
47) 2-Nitroaniline	9.34	65	178953	41.31	ng	#	83
48) Acenaphthylene	9.64	152	807475	34.57	ng		100
49) Dimethylphthalate	9.52	163	597469	36.35	ng		99
50) 2,6-Dinitrotoluene	9.58	165	145500	38.65	ng	#	61
51) Acenaphthene	9.82	154	528927	36.30	ng		99
52) 3-Nitroaniline	9.75	138	165822	38.17	ng		94
53) 2,4-Dinitrophenol	9.85	184	83254m	45.91	ng		
54) Dibenzofuran	9.99	168	685649	34.17	ng	#	87
55) 4-Nitrophenol	9.92	139	124362	36.89	ng	#	67
56) 2,4-Dinitrotoluene	9.99	165	191860	39.66	ng	#	86
57) Fluorene	10.33	166	483959	34.57	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	145991	39.35	ng	#	57
59) Diethylphthalate	10.22	149	628034	37.75	ng		100
60) 4-Chlorophenyl-phenylether	10.33	204	248561	37.25	ng		90
61) 4-Nitroaniline	10.36	138	187304	45.46	ng		96
62) Azobenzene	10.49	77	660794	40.16	ng		89
64) 4,6-Dinitro-2-methylphenol	10.39	198	85964	32.84	ng		97
65) n-Nitrosodiphenylamine	10.44	169	529770	37.25	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	159675	34.73	ng	#	81
67) Hexachlorobenzene	10.88	284	169577	35.50	ng		92
68) Atrazine	10.98	200	171844	39.91	ng		95
69) Pentachlorophenol	11.07	266	68124	27.05	ng		97
70) Phenanthrene	11.29	178	813088	36.15	ng		99
71) Anthracene	11.35	178	856105	37.74	ng		98
72) Carbazole	11.50	167	737069	34.72	ng		99
73) Di-n-butylphthalate	11.84	149	967664	36.01	ng	#	98
74) Fluoranthene	12.47	202	836808	35.26	ng		96
76) Benzidine	12.59	184	369199	49.19	ng		99
77) Pyrene	12.70	202	823069	40.92	ng		100
79) Butylbenzylphthalate	13.33	149	372160	41.85	ng		89
80) Benzo(a)anthracene	13.89	228	594557	38.49	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	186395	44.87	ng	#	95
82) Chrysene	13.93	228	637515	43.87	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	406449	37.54	ng		100
84) Di-n-octyl phthalate	14.49	149	758545	43.12	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.63	276	584992	43.33	ng	#	100
87) Benzo(b)fluoranthene	14.90	252	568719m	32.76	ng		
88) Benzo(k)fluoranthene	14.93	252	526758m	40.22	ng		
89) Benzo(a)pyrene	15.23	252	526967	37.52	ng		100
90) Dibenzo(a,h)anthracene	16.64	278	478082	36.65	ng		98
91) Benzo(g,h,i)perylene	17.03	276	521073	38.83	ng		99

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

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