Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088412.D
Acq On : 26 Jun 2016 12:07
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
6/27/2016 8:01:39 PM

Quant Time: Jun 27 17:06:49 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	6.55	152	106391	20.00	ng		-0.06
21) Naphthalene-d8	7.84	136	437337	20.00	ng		-0.06
38) Acenaphthene-d10	9.59	164	196265	20.00	ng		-0.06
63) Phenanthrene-d10	11.06	188	381369	20.00	ng		-0.06
75) Chrysene-d12	13.69	240	269877	20.00	ng		-0.06
86) Perylene-d12	15.03	264	246751	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	521682	83.83	ng		-0.05
7) Phenol-d6	6.23	99	540917	71.72	ng		-0.03
23) Nitrobenzene-d5	7.13	82	567658	75.79	ng		-0.05
41) 2,4,6-Tribromophenol	10.38	330	142174	68.61	ng		-0.06
44) 2-Fluorobiphenyl	8.92	172	1033637	82.58	ng		-0.05
78) Terphenyl-d14	12.64	244	868200	73.21	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	123625	40.88	ng	#	44
3) Pyridine	2.56	79	280230	39.25	ng		91
4) n-Nitrosodimethylamine	2.54	42	104279	34.49	ng		82
6) Aniline	6.22	93	355387	33.11	ng		91
8) 2-Chlorophenol	6.34	128	298332	40.50	ng		89
9) Benzaldehyde	6.10	77	177048	36.58	ng		98
10) Phenol	6.24	94	365142	47.00	ng		87
11) bis(2-Chloroethyl)ether	6.30	93	283339	42.84	ng		89
12) 1,3-Dichlorobenzene	6.49	146	316273m	40.02	ng		
13) 1,4-Dichlorobenzene	6.57	146	327946	41.19	ng		97
14) 1,2-Dichlorobenzene	6.72	146	273540m	37.78	ng		
15) Benzyl Alcohol	6.72	79	205442	34.82	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.84	45	257511	28.82	ng	#	1
17) 2-Methylphenol	6.84	107	212791	35.62	ng	#	88
18) Hexachloroethane	7.05	117	111679	39.53	ng	#	82
19) n-Nitroso-di-n-propylamine	6.99	70	180138	37.33	ng	#	87
20) 3+4-Methylphenols	7.00	107	269201	38.62	ng	#	80
22) Acetophenone	6.98	105	390977	40.00	ng	#	97
24) Nitrobenzene	7.15	77	288447	39.76	ng		91
25) Isophorone	7.39	82	523060	37.70	ng		99
26) 2-Nitrophenol	7.46	139	160364	41.27	ng		97
27) 2,4-Dimethylphenol	7.53	122	245543	34.32	ng		99
28) bis(2-Chloroethoxy)methane	7.61	93	328298	38.16	ng	#	97
29) 2,4-Dichlorophenol	7.72	162	230600	38.60	ng		92
30) 1,2,4-Trichlorobenzene	7.78	180	242701	37.31	ng		98
31) Naphthalene	7.86	128	806998	37.29	ng		99
32) Benzoic acid	7.71	122	129148	32.78	ng		94
33) 4-Chloroaniline	7.93	127	355945	36.83	ng	#	93
34) Hexachlorobutadiene	7.98	225	121228	35.34	ng		98
35) Caprolactam	8.33	113	74368m	37.58	ng		
36) 4-Chloro-3-methylphenol	8.43	107	240642	37.67	ng		100
37) 2-Methylnaphthalene	8.55	142	502557	35.23	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	218460	41.73	ng	#	1
40) Hexachlorocyclopentadiene	8.71	237	135554	42.82	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	139871	35.64	ng		98
43) 2,4,5-Trichlorophenol	8.89	196	148157	36.28	ng	#	90
45) 1,1'-Biphenyl	9.02	154	633280	42.67	ng		98
46) 2-Chloronaphthalene	9.04	162	501066	39.45	ng		100
47) 2-Nitroaniline	9.15	65	153427	40.95	ng	#	74
48) Acenaphthylene	9.45	152	792260	39.22	ng		99
49) Dimethylphthalate	9.34	163	606849	42.68	ng		99
50) 2,6-Dinitrotoluene	9.39	165	119085	36.57	ng	#	54
51) Acenaphthene	9.62	154	474142	37.62	ng		99
52) 3-Nitroaniline	9.56	138	144376	38.43	ng		96
53) 2,4-Dinitrophenol	9.69	184	76234	48.12	ng	#	84
54) Dibenzofuran	9.79	168	705271	40.64	ng	#	91
55) 4-Nitrophenol	9.78	139	141976m	48.69	ng		
56) 2,4-Dinitrotoluene	9.80	165	182172	43.54	ng	#	84
57) Fluorene	10.14	166	516661	43.94	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.92	232	124390	38.76	ng	#	57
59) Diethylphthalate	10.02	149	526297	36.57	ng		98
60) 4-Chlorophenyl-phenylether	10.12	204	208014	36.04	ng		92
61) 4-Nitroaniline	10.19	138	151878	42.62	ng		97
62) Azobenzene	10.28	77	556053	39.07	ng		97
64) 4,6-Dinitro-2-methylphenol	10.22	198	97571	41.30	ng	#	73
65) n-Nitrosodiphenylamine	10.25	169	455551	36.00	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	157743	38.55	ng		93
67) Hexachlorobenzene	10.67	284	147990	34.81	ng		97
68) Atrazine	10.79	200	133337	34.80	ng		92
69) Pentachlorophenol	10.88	266	92125	41.11	ng		97
70) Phenanthrene	11.08	178	737065	36.83	ng		99
71) Anthracene	11.14	178	829569	41.10	ng		98
72) Carbazole	11.30	167	793470	42.00	ng		100
73) Di-n-butylphthalate	11.63	149	939367	39.28	ng		99
74) Fluoranthene	12.26	202	768286	36.38	ng		99
76) Benzidine	12.40	184	330399	44.21	ng		98
77) Pyrene	12.49	202	802639	40.08	ng		99
79) Butylbenzylphthalate	13.12	149	394348	44.54	ng		89
80) Benzo(a)anthracene	13.67	228	579733	37.70	ng		99
81) 3,3'-Dichlorobenzidine	13.65	252	204768	49.51	ng	#	96
82) Chrysene	13.71	228	654498	45.24	ng		99
83) Bis(2-ethylhexyl)phthalate	13.67	149	447478	41.52	ng		98
84) Di-n-octyl phthalate	14.29	149	870221	49.69	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.26	276	548011	40.77	ng	#	100
87) Benzo(b)fluoranthene	14.67	252	577962m	33.61	ng		
88) Benzo(k)fluoranthene	14.70	252	560413m	43.20	ng		
89) Benzo(a)pyrene	14.98	252	548981	39.45	ng	#	97
90) Dibenzo(a,h)anthracene	16.26	278	455688	35.26	ng		98
91) Benzo(g,h,i)perylene	16.63	276	477272	35.90	ng		96

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

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