Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088127.D
Acq On : 18 Jun 2016 11:52
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
6/20/2016 6:56:45 PM

Quant Time: Jun 19 07:58:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 17 16:09:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	93703	20.00	ng		-0.01
21) Naphthalene-d8	7.98	136	378160	20.00	ng		-0.01
38) Acenaphthene-d10	9.72	164	173981	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	307398	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	214607	20.00	ng		-0.02
86) Perylene-d12	15.20	264	164739	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	419657	76.56	ng		0.00
7) Phenol-d6	6.34	99	472606	71.15	ng		-0.01
23) Nitrobenzene-d5	7.26	82	455583	70.35	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	123570	67.27	ng		-0.01
44) 2-Fluorobiphenyl	9.05	172	821344	73.41	ng		-0.02
78) Terphenyl-d14	12.78	244	737221	78.17	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	108183	40.62	ng	#	46
3) Pyridine	2.87	79	252736	40.19	ng		92
4) n-Nitrosodimethylamine	2.81	42	96670	36.30	ng		80
6) Aniline	6.35	93	321134	33.96	ng	#	55
8) 2-Chlorophenol	6.48	128	257495	39.69	ng		82
9) Benzaldehyde	6.23	77	133300	28.45	ng		90
10) Phenol	6.35	94	256327	36.93	ng	#	35
11) bis(2-Chloroethyl)ether	6.43	93	247543	42.50	ng		84
12) 1,3-Dichlorobenzene	6.63	146	275214m	39.54	ng		
13) 1,4-Dichlorobenzene	6.71	146	272114	38.81	ng		95
14) 1,2-Dichlorobenzene	6.86	146	253623m	39.77	ng		
15) Benzyl Alcohol	6.84	79	178222	34.29	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	271573	34.51	ng		82
17) 2-Methylphenol	6.97	107	192830	36.65	ng	#	95
18) Hexachloroethane	7.20	117	100040	40.21	ng		96
19) n-Nitroso-di-n-propylamine	7.12	70	161371	37.97	ng	#	82
20) 3+4-Methylphenols	7.12	107	237883	38.75	ng	#	82
22) Acetophenone	7.11	105	331154	39.19	ng	#	99
24) Nitrobenzene	7.28	77	262520	41.85	ng		96
25) Isophorone	7.52	82	438729	36.57	ng		99
26) 2-Nitrophenol	7.60	139	139507	41.52	ng	#	72
27) 2,4-Dimethylphenol	7.64	122	214025	34.59	ng		94
28) bis(2-Chloroethoxy)methane	7.74	93	307501	41.33	ng		98
29) 2,4-Dichlorophenol	7.84	162	197582	38.25	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	220427	39.19	ng		98
31) Naphthalene	8.00	128	707260	37.79	ng		98
32) Benzoic acid	7.78	122	101661	29.84	ng		94
33) 4-Chloroaniline	8.06	127	321691	38.50	ng	#	92
34) Hexachlorobutadiene	8.11	225	112722	38.00	ng		99
35) Caprolactam	8.43	113	60352	35.27	ng		93
36) 4-Chloro-3-methylphenol	8.55	107	192692	34.88	ng		99
37) 2-Methylnaphthalene	8.68	142	455778m	36.95	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	209444	46.94	ng	#	1
40) Hexachlorocyclopentadiene	8.84	237	100762	35.90	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	128490	36.93	ng		97
43) 2,4,5-Trichlorophenol	9.02	196	137206	37.90	ng	#	95
45) 1,1'-Biphenyl	9.15	154	593598	45.53	ng		97
46) 2-Chloronaphthalene	9.18	162	452321	40.18	ng		95
47) 2-Nitroaniline	9.28	65	128024	38.55	ng	#	81
48) Acenaphthylene	9.59	152	692518	38.67	ng		99
49) Dimethylphthalate	9.46	163	510450	40.50	ng		99
50) 2,6-Dinitrotoluene	9.52	165	105981	36.72	ng	#	69
51) Acenaphthene	9.76	154	409863	36.69	ng		99
52) 3-Nitroaniline	9.69	138	125571	37.70	ng		89
53) 2,4-Dinitrophenol	9.80	184	49214	37.02	ng	#	73
54) Dibenzofuran	9.93	168	593042	38.55	ng		95
55) 4-Nitrophenol	9.87	139	109094	42.20	ng		87
56) 2,4-Dinitrotoluene	9.92	165	126903	34.21	ng	#	45
57) Fluorene	10.27	166	455653	43.69	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	107910	37.93	ng	#	59
59) Diethylphthalate	10.16	149	511764	40.12	ng		97
60) 4-Chlorophenyl-phenylether	10.26	204	181652	35.50	ng		95
61) 4-Nitroaniline	10.31	138	133040	42.11	ng		94
62) Azobenzene	10.42	77	480663	38.10	ng		97
64) 4,6-Dinitro-2-methylphenol	10.33	198	64322	34.17	ng		88
65) n-Nitrosodiphenylamine	10.39	169	419874	41.16	ng		100
66) 4-Bromophenyl-phenylether	10.75	248	132470	40.17	ng		96
67) Hexachlorobenzene	10.81	284	123034	35.91	ng		98
68) Atrazine	10.92	200	127876	41.40	ng		100
69) Pentachlorophenol	11.02	266	81022	44.86	ng		98
70) Phenanthrene	11.22	178	595500	36.92	ng		100
71) Anthracene	11.28	178	691494	42.50	ng		99
72) Carbazole	11.44	167	648086	42.56	ng		99
73) Di-n-butylphthalate	11.77	149	739253	38.35	ng		99
74) Fluoranthene	12.41	202	648902	38.12	ng		94
76) Benzidine	12.54	184	216007	36.35	ng		98
77) Pyrene	12.63	202	623440	39.15	ng		99
79) Butylbenzylphthalate	13.26	149	304834	43.30	ng		87
80) Benzo(a)anthracene	13.82	228	455642	37.26	ng		100
81) 3,3'-Dichlorobenzidine	13.78	252	134405	40.87	ng	#	97
82) Chrysene	13.85	228	465278	40.44	ng		98
83) Bis(2-ethylhexyl)phthalate	13.82	149	363859	42.45	ng		100
84) Di-n-octyl phthalate	14.42	149	682178	48.98	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.50	276	390829	36.56	ng	#	100
87) Benzo(b)fluoranthene	14.82	252	388641m	33.85	ng		
88) Benzo(k)fluoranthene	14.85	252	396889m	45.82	ng		
89) Benzo(a)pyrene	15.15	252	375252	40.39	ng	#	94
90) Dibenzo(a,h)anthracene	16.51	278	327214	37.92	ng		97
91) Benzo(g,h,i)perylene	16.89	276	341640	38.49	ng		98

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

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