Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097249.D
Acq On : 2 Aug 2017 2:48
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/8/2017 1:18:37 PM

Quant Time: Aug 02 06:06:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	132504	20.00	ng		-0.04
21) Naphthalene-d8	7.75	136	550262	20.00	ng		-0.04
38) Acenaphthene-d10	9.49	164	220416	20.00	ng		-0.04
63) Phenanthrene-d10	10.97	188	324606	20.00	ng		-0.04
75) Chrysene-d12	13.59	240	215961	20.00	ng		-0.04
86) Perylene-d12	14.93	264	205877	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	711489	80.95	ng		-0.03
7) Phenol-d6	6.15	99	769725	76.71	ng		-0.02
23) Nitrobenzene-d5	7.04	82	776646	82.80	ng		-0.04
41) 2,4,6-Tribromophenol	10.29	330	117293	67.35	ng		-0.04
44) 2-Fluorobiphenyl	8.83	172	1024100	78.85	ng		-0.03
78) Terphenyl-d14	12.55	244	743737	70.22	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	155945	42.515	ng	#	75
3) Pyridine	2.56	79	403675	35.940	ng	#	63
4) n-Nitrosodimethylamine	2.53	42	235378	37.827	ng		81
6) Aniline	6.13	93	509030	40.312	ng		93
8) 2-Chlorophenol	6.26	128	344231	36.625	ng		93
9) Benzaldehyde	6.01	77	237938	40.060	ng		97
10) Phenol	6.16	94	463788	38.966	ng		93
11) bis(2-Chloroethyl)ether	6.21	93	333303	35.406	ng		89
12) 1,3-Dichlorobenzene	6.40	146	393397	38.840	ng		98
13) 1,4-Dichlorobenzene	6.48	146	394191	39.271	ng		95
14) 1,2-Dichlorobenzene	6.64	146	330343	37.692	ng		97
15) Benzyl Alcohol	6.63	79	253494	39.901	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.76	45	715581	37.899	ng		50
17) 2-Methylphenol	6.76	107	282476	38.942	ng	#	88
18) Hexachloroethane	6.97	117	132190	35.997	ng	#	83
19) n-Nitroso-di-n-propylamine	6.90	70	262225	39.701	ng	#	83
20) 3+4-Methylphenols	6.92	107	391464	41.320	ng	#	63
22) Acetophenone	6.89	105	505034	38.219	ng	#	98
24) Nitrobenzene	7.06	77	398960	40.840	ng		92
25) Isophorone	7.30	82	688635	37.488	ng		97
26) 2-Nitrophenol	7.37	139	197158	37.304	ng	#	86
27) 2,4-Dimethylphenol	7.44	122	317711	36.441	ng		96
28) bis(2-Chloroethoxy)methane	7.52	93	484815	40.443	ng		99
29) 2,4-Dichlorophenol	7.63	162	278228	37.044	ng		96
30) 1,2,4-Trichlorobenzene	7.70	180	267610	37.381	ng		97
31) Naphthalene	7.77	128	979577	37.765	ng		99
32) Benzoic acid	7.60	122	213476m	32.791	ng		
33) 4-Chloroaniline	7.83	127	414231	39.247	ng		100
34) Hexachlorobutadiene	7.90	225	142243	37.479	ng		97
35) Caprolactam	8.22	113	101977	42.343	ng	#	48
36) 4-Chloro-3-methylphenol	8.34	107	334904	40.872	ng		88
37) 2-Methylnaphthalene	8.46	142	645272	39.290	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.63	216	243432	41.391	ng		99
40) Hexachlorocyclopentadiene	8.62	237	23516	17.084	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	168292	39.487	ng		98
43) 2,4,5-Trichlorophenol	8.80	196	165075	38.696	ng		98
45) 1,1'-Biphenyl	8.93	154	744355	39.537	ng		98
46) 2-Chloronaphthalene	8.95	162	546348	39.436	ng		93
47) 2-Nitroaniline	9.06	65	211702	42.105	ng		95
48) Acenaphthylene	9.36	152	797468	37.501	ng		99
49) Dimethylphthalate	9.24	163	682481	40.774	ng		99
50) 2,6-Dinitrotoluene	9.30	165	140991	39.716	ng	#	68
51) Acenaphthene	9.53	154	484927	38.714	ng		98
52) 3-Nitroaniline	9.47	138	174673	39.640	ng		93
53) 2,4-Dinitrophenol	9.59	184	16741	10.372	ng	#	73
54) Dibenzofuran	9.70	168	640475	38.388	ng		96
55) 4-Nitrophenol	9.66	139	79800	30.453	ng	#	61
56) 2,4-Dinitrotoluene	9.70	165	155090	38.003	ng	#	54
57) Fluorene	10.04	166	476670	38.013	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.83	232	102619	34.840	ng		98
59) Diethylphthalate	9.93	149	623905	40.629	ng		99
60) 4-Chlorophenyl-phenylether	10.04	204	208190	40.205	ng		94
61) 4-Nitroaniline	10.08	138	150070	35.842	ng		92
62) Azobenzene	10.20	77	570500	40.047	ng		93
64) 4,6-Dinitro-2-methylphenol	10.12	198	38510	19.092	ng		83
65) n-Nitrosodiphenylamine	10.16	169	464897	41.162	ng		97
66) 4-Bromophenyl-phenylether	10.52	248	133088	41.083	ng		99
67) Hexachlorobenzene	10.59	284	138995	38.262	ng	#	91
68) Atrazine	10.69	200	127186	39.271	ng		93
69) Pentachlorophenol	10.79	266	49555m	32.969	ng		
70) Phenanthrene	10.99	178	656709	37.758	ng		99
71) Anthracene	11.05	178	661754	37.149	ng		99
72) Carbazole	11.20	167	655752	37.430	ng		99
73) Di-n-butylphthalate	11.55	149	884373	40.837	ng		99
74) Fluoranthene	12.17	202	615224	36.108	ng		98
76) Benzidine	12.30	184	294215	36.716	ng	#	93
77) Pyrene	12.40	202	635992	35.972	ng		100
79) Butylbenzylphthalate	13.03	149	335410	37.295	ng	#	72
80) Benzo(a)anthracene	13.58	228	531474	38.034	ng		98
81) 3,3'-Dichlorobenzidine	13.55	252	209873	39.828	ng	#	95
82) Chrysene	13.62	228	519500	38.073	ng		99
83) Bis(2-ethylhexyl)phthalate	13.60	149	422852	36.011	ng		100
84) Di-n-octyl phthalate	14.20	149	800241	37.137	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.15	276	381260	32.586	ng		97
87) Benzo(b)fluoranthene	14.58	252	480081	38.792	ng		97
88) Benzo(k)fluoranthene	14.61	252	479368m	40.649	ng		
89) Benzo(a)pyrene	14.89	252	441335	38.965	ng		97
90) Dibenzo(a,h)anthracene	16.16	278	312909	33.688	ng		97
91) Benzo(g,h,i)perylene	16.51	276	313979	32.235	ng		97

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

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