Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097184.D
Acq On : 29 Jul 2017 5:47
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/31/2017 6:52:37 PM

Quant Time: Jul 29 06:30:53 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	6.49	152	121041	20.00	ng		-0.01
21) Naphthalene-d8	7.77	136	458900	20.00	ng		-0.01
38) Acenaphthene-d10	9.52	164	171540	20.00	ng		-0.02
63) Phenanthrene-d10	10.99	188	274927	20.00	ng		-0.01
75) Chrysene-d12	13.62	240	202342	20.00	ng		0.00
86) Perylene-d12	14.96	264	164309	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	688767	85.78	ng		-0.01
7) Phenol-d6	6.16	99	705517	76.97	ng		-0.01
23) Nitrobenzene-d5	7.06	82	593306	75.85	ng		-0.01
41) 2,4,6-Tribromophenol	10.30	330	99527	73.43	ng		-0.02
44) 2-Fluorobiphenyl	8.85	172	885296	87.58	ng		-0.02
78) Terphenyl-d14	12.57	244	746319	75.20	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.98	88	116219	34.685	ng	#	75
3) Pyridine	2.60	79	377631	36.805	ng	#	59
4) n-Nitrosodimethylamine	2.57	42	228541	40.207	ng		82
6) Aniline	6.15	93	434865	37.700	ng	#	88
8) 2-Chlorophenol	6.28	128	337025	39.255	ng		95
9) Benzaldehyde	6.03	77	242369	44.671	ng		98
10) Phenol	6.17	94	429949	39.544	ng		98
11) bis(2-Chloroethyl)ether	6.23	93	333802	38.817	ng		88
12) 1,3-Dichlorobenzene	6.43	146	364827	39.430	ng		99
13) 1,4-Dichlorobenzene	6.51	146	379094	41.344	ng		96
14) 1,2-Dichlorobenzene	6.66	146	312309	39.009	ng		97
15) Benzyl Alcohol	6.65	79	222597	38.356	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.79	45	600813	34.834	ng		92
17) 2-Methylphenol	6.77	107	235241	35.501	ng	#	90
18) Hexachloroethane	7.00	117	100602	29.990	ng	#	81
19) n-Nitroso-di-n-propylamine	6.92	70	226446	37.531	ng	#	82
20) 3+4-Methylphenols	6.93	107	337110	38.953	ng	#	64
22) Acetophenone	6.91	105	449953	40.829	ng	#	98
24) Nitrobenzene	7.08	77	310632	38.128	ng	#	94
25) Isophorone	7.33	82	582474	38.022	ng		94
26) 2-Nitrophenol	7.40	139	149356	33.886	ng		91
27) 2,4-Dimethylphenol	7.46	122	269411	37.054	ng		96
28) bis(2-Chloroethoxy)methane	7.54	93	407456	40.757	ng		98
29) 2,4-Dichlorophenol	7.65	162	258387	41.252	ng		99
30) 1,2,4-Trichlorobenzene	7.72	180	239283	40.078	ng		98
31) Naphthalene	7.80	128	837516	38.716	ng		99
32) Benzoic acid	7.61	122	144522	26.619	ng		92
33) 4-Chloroaniline	7.86	127	368783	41.898	ng		97
34) Hexachlorobutadiene	7.92	225	130019	41.078	ng		99
35) Caprolactam	8.24	113	76232	37.955	ng	#	65
36) 4-Chloro-3-methylphenol	8.36	107	259913	38.035	ng		90
37) 2-Methylnaphthalene	8.49	142	541000	39.500	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	196943	43.028	ng		99
40) Hexachlorocyclopentadiene	8.64	237	2719	8.150	ng		86

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	141375	42.622	ng		99
43) 2,4,5-Trichlorophenol	8.82	196	136051	40.980	ng		96
45) 1,1'-Biphenyl	8.95	154	653275	44.586	ng		98
46) 2-Chloronaphthalene	8.97	162	460382	42.699	ng	#	92
47) 2-Nitroaniline	9.07	65	177730	45.420	ng		96
48) Acenaphthylene	9.38	152	681722	41.192	ng		99
49) Dimethylphthalate	9.26	163	556645	42.732	ng		100
50) 2,6-Dinitrotoluene	9.32	165	99579	36.042	ng	#	89
51) Acenaphthene	9.55	154	378180	38.794	ng		98
52) 3-Nitroaniline	9.49	138	151121	44.067	ng		93
54) Dibenzofuran	9.72	168	502742	38.718	ng		96
55) 4-Nitrophenol	9.67	139	69736	34.195	ng	#	69
56) 2,4-Dinitrotoluene	9.73	165	104341	32.852	ng	#	76
57) Fluorene	10.06	166	407593	41.765	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.85	232	93435	40.760	ng		98
59) Diethylphthalate	9.95	149	543604	45.486	ng		100
60) 4-Chlorophenyl-phenylether	10.06	204	173454	43.041	ng		92
61) 4-Nitroaniline	10.10	138	147386	45.231	ng		91
62) Azobenzene	10.22	77	414359	37.374	ng		93
64) 4,6-Dinitro-2-methylphenol	10.14	198	4692	2.746	ng		87
65) n-Nitrosodiphenylamine	10.18	169	371924	38.880	ng		99
66) 4-Bromophenyl-phenylether	10.55	248	104697	38.159	ng		99
67) Hexachlorobenzene	10.62	284	115683	37.599	ng	#	92
68) Atrazine	10.72	200	78359	28.567	ng		96
69) Pentachlorophenol	10.82	266	71501	56.166	ng		96
70) Phenanthrene	11.02	178	571658	38.807	ng		98
71) Anthracene	11.07	178	561037	37.186	ng		100
72) Carbazole	11.23	167	572713	38.597	ng		99
73) Di-n-butylphthalate	11.57	149	706568	38.523	ng		99
74) Fluoranthene	12.20	202	581223	40.276	ng		99
76) Benzidine	12.33	184	335339	44.665	ng	#	92
77) Pyrene	12.42	202	609709	36.807	ng		99
79) Butylbenzylphthalate	13.05	149	313828	37.244	ng	#	77
80) Benzo(a)anthracene	13.61	228	507609	38.771	ng		99
81) 3,3'-Dichlorobenzidine	13.57	252	222032	44.971	ng		97
82) Chrysene	13.64	228	484512	37.899	ng		100
83) Bis(2-ethylhexyl)phthalate	13.62	149	420116	38.186	ng		98
84) Di-n-octyl phthalate	14.23	149	867416	42.963	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.19	276	350896m	32.010	ng		
87) Benzo(b)fluoranthene	14.61	252	433219	43.861	ng		99
88) Benzo(k)fluoranthene	14.63	252	360822	38.337	ng	#	95
89) Benzo(a)pyrene	14.92	252	361873	40.032	ng		98
90) Dibenzo(a,h)anthracene	16.20	278	285803	38.555	ng	#	95
91) Benzo(g,h,i)perylene	16.56	276	273037	35.123	ng		97

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

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