Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107437.D
Acq On : 17 Jul 2018 9:36
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/18/2018 10:43:43 AM

Quant Time: Jul 17 11:22:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 16 17:24:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	133935	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	531361	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	291068	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	628852	20.00	ng		0.01
75) Chrysene-d12	14.17	240	525229	20.00	ng		0.01
86) Perylene-d12	15.71	264	411773	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	649744	73.68	ng		0.01
7) Phenol-d6	6.61	99	827632	72.59	ng		0.01
23) Nitrobenzene-d5	7.55	82	902617	90.58	ng		0.01
41) 2,4,6-Tribromophenol	10.82	330	196194	76.72	ng		0.01
44) 2-Fluorobiphenyl	9.35	172	1431533	81.57	ng		0.00
78) Terphenyl-d14	13.11	244	1569114	74.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	149405	34.316	ng		93
3) Pyridine	3.63	79	412382	35.117	ng		93
4) n-Nitrosodimethylamine	3.59	42	189706	39.342	ng	#	84
6) Aniline	6.65	93	563188	37.366	ng	#	84
8) 2-Chlorophenol	6.77	128	347350	38.947	ng		91
9) Benzaldehyde	6.54	77	330657	36.051	ng		93
10) Phenol	6.62	94	455306	37.248	ng		74
11) bis(2-Chloroethyl)ether	6.72	93	376452	37.738	ng		98
12) 1,3-Dichlorobenzene	6.92	146	410653	37.926	ng	#	87
13) 1,4-Dichlorobenzene	7.00	146	413287	38.505	ng	#	92
14) 1,2-Dichlorobenzene	7.16	146	367707	36.614	ng		92
15) Benzyl Alcohol	7.12	79	440717	38.489	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	7.25	45	390207	36.657	ng		84
17) 2-Methylphenol	7.23	107	312424	36.844	ng	#	85
18) Hexachloroethane	7.50	117	154905	38.787	ng	#	81
19) n-Nitroso-di-n-propylamine	7.40	70	309672	37.933	ng		96
20) 3+4-Methylphenols	7.38	107	381584	35.425	ng	#	76
22) Acetophenone	7.40	105	503694	34.501	ng	#	88
24) Nitrobenzene	7.57	77	461640	41.224	ng		90
25) Isophorone	7.81	82	715448	36.223	ng	#	90
26) 2-Nitrophenol	7.88	139	208497	54.771	ng	#	79
27) 2,4-Dimethylphenol	7.91	122	295798	37.263	ng		86
28) bis(2-Chloroethoxy)methane	8.01	93	459019	37.108	ng		96
29) 2,4-Dichlorophenol	8.12	162	324347	39.264	ng		96
30) 1,2,4-Trichlorobenzene	8.21	180	367956	36.784	ng		98
31) Naphthalene	8.30	128	949978	36.806	ng		97
32) Benzoic acid	8.02	122	167398m	34.361	ng		
33) 4-Chloroaniline	8.34	127	402574	36.016	ng	#	81
34) Hexachlorobutadiene	8.40	225	253285	37.841	ng		95
35) Caprolactam	8.72	113	101028	37.598	ng	#	86
36) 4-Chloro-3-methylphenol	8.81	107	415262	38.473	ng		85
37) 2-Methylnaphthalene	8.98	142	651908	38.319	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	409008	36.110	ng		99
40) Hexachlorocyclopentadiene	9.13	237	246394	41.649	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	260558	36.852	ng		93
43) 2,4,5-Trichlorophenol	9.30	196	283556	41.922	ng	#	95
45) 1,1'-Biphenyl	9.45	154	874681	34.757	ng		98
46) 2-Chloronaphthalene	9.48	162	706283	35.534	ng		93
47) 2-Nitroaniline	9.57	65	283613	46.627	ng	#	72
48) Acenaphthylene	9.90	152	1001423	36.102	ng		98
49) Dimethylphthalate	9.75	163	860918	37.227	ng	#	97
50) 2,6-Dinitrotoluene	9.81	165	192434	43.606	ng	#	76
51) Acenaphthene	10.07	154	691052	37.581	ng		93
52) 3-Nitroaniline	9.98	138	190474	41.092	ng	#	65
53) 2,4-Dinitrophenol	10.08	184	94726	54.134	ng	#	23
54) Dibenzofuran	10.24	168	999245	35.165	ng		92
55) 4-Nitrophenol	10.13	139	144695	38.577	ng	#	43
56) 2,4-Dinitrotoluene	10.21	165	261903	45.532	ng	#	75
57) Fluorene	10.58	166	702742	37.341	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	228359	34.854	ng	#	91
59) Diethylphthalate	10.44	149	843485	37.542	ng		99
60) 4-Chlorophenyl-phenylether	10.57	204	428012	38.181	ng		99
61) 4-Nitroaniline	10.60	138	195541	44.328	ng	#	55
62) Azobenzene	10.73	77	951132	36.049	ng		90
64) 4,6-Dinitro-2-methylphenol	10.62	198	155949	46.545	ng		92
65) n-Nitrosodiphenylamine	10.69	169	708574	35.676	ng		96
66) 4-Bromophenyl-phenylether	11.06	248	264285	36.734	ng	#	88
67) Hexachlorobenzene	11.13	284	241043	36.194	ng	#	90
68) Atrazine	11.21	200	285154	37.993	ng		91
69) Pentachlorophenol	11.32	266	176431	35.848	ng		98
70) Phenanthrene	11.55	178	1099541	35.085	ng		98
71) Anthracene	11.60	178	1133649	36.318	ng		99
72) Carbazole	11.75	167	1058359	35.814	ng		95
73) Di-n-butylphthalate	12.07	149	1304797	38.420	ng	#	98
74) Fluoranthene	12.74	202	1280976	35.962	ng		94
76) Benzidine	12.86	184	716533	35.152	ng		98
77) Pyrene	12.97	202	1303563	36.497	ng		98
79) Butylbenzylphthalate	13.58	149	567517	43.622	ng	#	80
80) Benzo(a)anthracene	14.17	228	1154501	35.925	ng		99
81) 3,3'-Dichlorobenzidine	14.12	252	404216	37.504	ng	#	97
82) Chrysene	14.20	228	1103765	35.955	ng		97
83) Bis(2-ethylhexyl)phthalate	14.13	149	750602	40.261	ng		92
84) Di-n-octyl phthalate	14.75	149	1238513	42.735	ng		98
85) Indeno(1,2,3-cd)pyrene	17.28	276	721099	33.000	ng	#	89
87) Benzo(b)fluoranthene	15.25	252	925476	38.399	ng	#	97
88) Benzo(k)fluoranthene	15.28	252	844168	35.890	ng	#	94
89) Benzo(a)pyrene	15.64	252	825920	37.335	ng		96
90) Dibenzo(a,h)anthracene	17.30	278	581700	34.842	ng	#	94
91) Benzo(g,h,i)perylene	17.76	276	584563	34.458	ng	#	90

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

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