Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107221.D
Acq On : 9 Jul 2018 11:49
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 09 12:54:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/10/2018 2:46:03 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	52087	20.00	ng		-0.01
21) Naphthalene-d8	8.23	136	219728	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	118564	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	242871	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	190234	20.00	ng		-0.02
86) Perylene-d12	15.68	264	173405	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	250051	81.29	ng		-0.02
7) Phenol-d6	6.60	99	312337	81.31	ng		-0.01
23) Nitrobenzene-d5	7.52	82	308914	78.13	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	114447	83.28	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	549759	77.12	ng		-0.02
78) Terphenyl-d14	13.07	244	659900	84.03	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	57781	36.537	ng		97
3) Pyridine	3.58	79	164614	38.381	ng		99
4) n-Nitrosodimethylamine	3.56	42	68242	37.462	ng		88
6) Aniline	6.62	93	204545	39.254	ng	#	88
8) 2-Chlorophenol	6.74	128	138787	41.136	ng		99
9) Benzaldehyde	6.51	77	98180	36.936	ng		95
10) Phenol	6.61	94	168826	38.510	ng	#	65
11) bis(2-Chloroethyl)ether	6.68	93	145496	40.202	ng		98
12) 1,3-Dichlorobenzene	6.89	146	161889	40.969	ng		98
13) 1,4-Dichlorobenzene	6.97	146	163734	40.985	ng		98
14) 1,2-Dichlorobenzene	7.12	146	147775	40.362	ng		98
15) Benzyl Alcohol	7.10	79	117853	38.208	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	178463	37.583	ng	#	1
17) 2-Methylphenol	7.21	107	128927	44.654	ng	#	92
18) Hexachloroethane	7.45	117	55132	39.243	ng	#	82
19) n-Nitroso-di-n-propylamine	7.36	70	101647	40.143	ng		93
20) 3+4-Methylphenols	7.37	107	142896	46.190	ng	#	73
22) Acetophenone	7.36	105	197393	40.154	ng	#	96
24) Nitrobenzene	7.54	77	155611	38.549	ng		97
25) Isophorone	7.77	82	281142	40.352	ng		98
26) 2-Nitrophenol	7.85	139	81867	42.961	ng		99
27) 2,4-Dimethylphenol	7.89	122	120086	40.771	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	187549	40.092	ng		98
29) 2,4-Dichlorophenol	8.10	162	130266	42.244	ng		92
30) 1,2,4-Trichlorobenzene	8.17	180	147355	43.378	ng		96
31) Naphthalene	8.25	128	413590	40.260	ng		99
32) Benzoic acid	8.04	122	70386	34.662	ng		95
33) 4-Chloroaniline	8.31	127	177916	41.275	ng		99
34) Hexachlorobutadiene	8.35	225	97447	44.025	ng		100
35) Caprolactam	8.70	113	43844m	43.618	ng		
36) 4-Chloro-3-methylphenol	8.80	107	136277	41.987	ng		98
37) 2-Methylnaphthalene	8.95	142	297431	43.681	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	160853	40.285	ng	#	96
40) Hexachlorocyclopentadiene	9.09	237	79774	38.832	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	91217	34.368	ng		92
43) 2,4,5-Trichlorophenol	9.28	196	94054	33.961	ng	#	89
45) 1,1'-Biphenyl	9.41	154	375213	39.709	ng		97
46) 2-Chloronaphthalene	9.44	162	272756	36.672	ng		95
47) 2-Nitroaniline	9.54	65	91099	36.424	ng		93
48) Acenaphthylene	9.86	152	422138	35.949	ng		99
49) Dimethylphthalate	9.71	163	327859	36.869	ng		98
50) 2,6-Dinitrotoluene	9.79	165	75586	40.141	ng	#	77
51) Acenaphthene	10.03	154	271877	36.768	ng		99
52) 3-Nitroaniline	9.96	138	87120	40.206	ng		97
53) 2,4-Dinitrophenol	10.08	184	35577	39.261	ng	#	20
54) Dibenzofuran	10.20	168	386171	38.139	ng		97
55) 4-Nitrophenol	10.15	139	50618	33.467	ng		94
56) 2,4-Dinitrotoluene	10.20	165	90883	36.977	ng		94
57) Fluorene	10.55	166	325361	40.494	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	77729	35.307	ng	#	75
59) Diethylphthalate	10.41	149	314308	36.621	ng	#	93
60) 4-Chlorophenyl-phenylether	10.53	204	172487	41.029	ng	#	84
61) 4-Nitroaniline	10.58	138	86585	40.263	ng		95
62) Azobenzene	10.70	77	296578	35.090	ng		91
64) 4,6-Dinitro-2-methylphenol	10.62	198	56381	37.555	ng	#	67
65) n-Nitrosodiphenylamine	10.65	169	296676	36.317	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	118025	40.719	ng	#	77
67) Hexachlorobenzene	11.10	284	126793	41.795	ng	#	78
68) Atrazine	11.18	200	102648	39.526	ng		94
69) Pentachlorophenol	11.30	266	50128	33.116	ng		98
70) Phenanthrene	11.52	178	467193	39.883	ng		99
71) Anthracene	11.57	178	477546	39.940	ng		99
72) Carbazole	11.73	167	435334	38.889	ng		98
73) Di-n-butylphthalate	12.03	149	493987	37.457	ng		99
74) Fluoranthene	12.71	202	517100	40.050	ng		95
76) Benzidine	12.83	184	200636	37.033	ng		97
77) Pyrene	12.94	202	527654	42.062	ng		99
79) Butylbenzylphthalate	13.54	149	199324	38.646	ng	#	96
80) Benzo(a)anthracene	14.14	228	463148	39.946	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	150750	36.995	ng	#	93
82) Chrysene	14.18	228	418776	39.261	ng		100
83) Bis(2-ethylhexyl)phthalate	14.08	149	235930	35.780	ng		97
84) Di-n-octyl phthalate	14.71	149	416466	38.747	ng		96
85) Indeno(1,2,3-cd)pyrene	17.29	276	410523	45.352	ng	#	90
87) Benzo(b)fluoranthene	15.23	252	402461	37.362	ng	#	95
88) Benzo(k)fluoranthene	15.26	252	397800	38.780	ng	#	96
89) Benzo(a)pyrene	15.62	252	369756	38.613	ng	#	96
90) Dibenzo(a,h)anthracene	17.29	278	343604	42.339	ng	#	93
91) Benzo(g,h,i)perylene	17.78	276	347440	43.801	ng	#	89

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

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