Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109379.D
Acq On : 27 Sep 2018 11:45
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/28/2018 2:38:43 PM

Quant Time: Sep 27 13:27:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	116011	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	460267	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	223472	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	430388	20.00	ng		0.00
75) Chrysene-d12	13.85	240	299988	20.00	ng		0.00
86) Perylene-d12	15.24	264	256818	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	552429	78.43	ng		0.00
7) Phenol-d6	6.35	99	713140	79.35	ng		0.00
23) Nitrobenzene-d5	7.27	82	662323	84.95	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	190749	86.59	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1186801	80.10	ng		0.00
78) Terphenyl-d14	12.80	244	1016868	83.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	124588	38.407	ng		93
3) Pyridine	3.08	79	343717	41.169	ng		91
4) n-Nitrosodimethylamine	3.02	42	137289	38.640	ng	#	99
6) Aniline	6.37	93	446363	38.818	ng	#	72
8) 2-Chlorophenol	6.49	128	311398	39.757	ng		100
9) Benzaldehyde	6.25	77	218126	37.779	ng		97
10) Phenol	6.36	94	391266	38.441	ng	#	70
11) bis(2-Chloroethyl)ether	6.45	93	312382	39.222	ng		97
12) 1,3-Dichlorobenzene	6.65	146	357612	39.655	ng		99
13) 1,4-Dichlorobenzene	6.73	146	355055	39.080	ng		97
14) 1,2-Dichlorobenzene	6.88	146	329257	39.286	ng		98
15) Benzyl Alcohol	6.86	79	278613	40.499	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	429170	37.990	ng		94
17) 2-Methylphenol	6.97	107	249672	39.395	ng		96
18) Hexachloroethane	7.22	117	130797	40.863	ng		99
19) n-Nitroso-di-n-propylamine	7.13	70	228852	38.859	ng		99
20) 3+4-Methylphenols	7.13	107	302476	39.531	ng	#	81
22) Acetophenone	7.12	105	411826	38.701	ng	#	93
24) Nitrobenzene	7.29	77	341420	41.183	ng		100
25) Isophorone	7.53	82	547990	39.030	ng		98
26) 2-Nitrophenol	7.61	139	166154	50.679	ng		96
27) 2,4-Dimethylphenol	7.65	122	248420	40.607	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	368066	39.602	ng		99
29) 2,4-Dichlorophenol	7.85	162	270596	42.099	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	287202	39.987	ng		96
31) Naphthalene	8.01	128	852678	39.644	ng		99
32) Benzoic acid	7.78	122	176635m	43.268	ng		
33) 4-Chloroaniline	8.06	127	381575	40.610	ng		98
34) Hexachlorobutadiene	8.14	225	177480	40.990	ng		98
35) Caprolactam	8.44	113	84751	41.299	ng	#	87
36) 4-Chloro-3-methylphenol	8.55	107	281405	41.605	ng		99
37) 2-Methylnaphthalene	8.70	142	549766	39.651	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	285037	40.078	ng		98
40) Hexachlorocyclopentadiene	8.86	237	121793	39.262	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	194263	42.559	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	202565	42.019	ng		97
45) 1,1'-Biphenyl	9.17	154	713291	39.175	ng		98
46) 2-Chloronaphthalene	9.19	162	576676	39.646	ng		97
47) 2-Nitroaniline	9.29	65	179877	43.617	ng		97
48) Acenaphthylene	9.60	152	861452	39.258	ng		100
49) Dimethylphthalate	9.47	163	641101	39.443	ng		99
50) 2,6-Dinitrotoluene	9.53	165	144411	44.860	ng		99
51) Acenaphthene	9.77	154	508312	38.314	ng		100
52) 3-Nitroaniline	9.69	138	170022	45.607	ng		97
53) 2,4-Dinitrophenol	9.80	184	48325	46.337	ng	#	18
54) Dibenzofuran	9.95	168	767096	38.879	ng		97
55) 4-Nitrophenol	9.86	139	114667	40.831	ng		93
56) 2,4-Dinitrotoluene	9.93	165	188396	46.253	ng	#	94
57) Fluorene	10.29	166	547475	38.890	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	163722	42.892	ng		90
59) Diethylphthalate	10.17	149	638999	38.823	ng		96
60) 4-Chlorophenyl-phenylether	10.28	204	290077	39.451	ng		93
61) 4-Nitroaniline	10.30	138	163222	44.895	ng		98
62) Azobenzene	10.44	77	646637	37.813	ng		96
64) 4,6-Dinitro-2-methylphenol	10.34	198	80235	46.771	ng		89
65) n-Nitrosodiphenylamine	10.40	169	565759	39.787	ng		96
66) 4-Bromophenyl-phenylether	10.77	248	195314	40.867	ng	#	86
67) Hexachlorobenzene	10.84	284	207281	40.836	ng	#	87
68) Atrazine	10.93	200	177653	40.622	ng		97
69) Pentachlorophenol	11.03	266	130789	43.051	ng		98
70) Phenanthrene	11.24	178	845031	39.324	ng		99
71) Anthracene	11.29	178	861596	39.530	ng		100
72) Carbazole	11.45	167	848331	39.119	ng		100
73) Di-n-butylphthalate	11.79	149	973779	39.006	ng		99
74) Fluoranthene	12.42	202	895032	38.974	ng		97
76) Benzidine	12.55	184	392678	36.305	ng		100
77) Pyrene	12.65	202	911018	42.374	ng		99
79) Butylbenzylphthalate	13.27	149	396980	43.401	ng		96
80) Benzo(a)anthracene	13.83	228	687444	38.045	ng		100
81) 3,3'-Dichlorobenzidine	13.80	252	276705	40.295	ng	#	98
82) Chrysene	13.87	228	701242	39.155	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	483658	41.927	ng		100
84) Di-n-octyl phthalate	14.44	149	805938	40.861	ng		98
85) Indeno(1,2,3-cd)pyrene	16.59	276	557414	38.398	ng	#	93
87) Benzo(b)fluoranthene	14.84	252	604471	42.834	ng		98
88) Benzo(k)fluoranthene	14.84	252	604471	45.140	ng		98
89) Benzo(a)pyrene	15.19	252	514305	40.445	ng		98
90) Dibenzo(a,h)anthracene	16.60	278	456280	43.738	ng		96
91) Benzo(g,h,i)perylene	17.00	276	464560	45.310	ng	#	93

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

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