Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110615.D
Acq On : 9 Nov 2018 9:29
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/12/2018 10:29:48 AM

Quant Time: Nov 09 15:48:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	85831	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	357971	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	168766	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	306485	20.00	ng		0.00
76) Chrysene-d12	14.13	240	224939	20.00	ng		0.00
87) Perylene-d12	15.66	264	151222	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	431194	81.60	ng		0.00
7) Phenol-d6	6.57	99	541204	80.09	ng		0.00
23) Nitrobenzene-d5	7.52	82	505965	81.40	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	131965	77.60	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	918110	77.70	ng		0.00
79) Terphenyl-d14	13.06	244	910526	75.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	105988	40.256	ng		90
3) Pyridine	3.57	79	241174	42.438	ng		86
4) n-Nitrosodimethylamine	3.54	42	101291	41.539	ng		92
6) Aniline	6.61	93	348904	39.595	ng	#	54
8) 2-Chlorophenol	6.73	128	246595	39.809	ng		99
9) Benzaldehyde	6.50	77	144509	39.750	ng		95
10) Phenol	6.59	94	311417	39.746	ng	#	66
11) bis(2-Chloroethyl)ether	6.68	93	231609	39.444	ng		93
12) 1,3-Dichlorobenzene	6.89	146	269192	39.717	ng		99
13) 1,4-Dichlorobenzene	6.96	146	269077	39.095	ng		97
14) 1,2-Dichlorobenzene	7.12	146	254132	39.692	ng		99
15) Benzyl Alcohol	7.09	79	212529	40.192	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	364148	39.490	ng		69
17) 2-Methylphenol	7.19	107	194660	39.485	ng	#	82
18) Hexachloroethane	7.46	117	99390	39.116	ng		98
19) n-Nitroso-di-n-propylamine	7.36	70	170714	39.579	ng		96
20) 3+4-Methylphenols	7.35	107	251150	39.685	ng	#	90
22) Acetophenone	7.36	105	334677	40.116	ng	#	96
24) Nitrobenzene	7.53	77	256131	40.218	ng		96
25) Isophorone	7.77	82	406968	39.946	ng		96
26) 2-Nitrophenol	7.85	139	132689	41.764	ng		99
27) 2,4-Dimethylphenol	7.87	122	196497	40.610	ng		98
28) bis(2-Chloroethoxy)methane	7.97	93	273756	39.687	ng		98
29) 2,4-Dichlorophenol	8.09	162	203871	40.948	ng		98
30) 1,2,4-Trichlorobenzene	8.17	180	225595	40.188	ng		95
31) Naphthalene	8.25	128	667035	39.693	ng		99
32) Benzoic acid	8.01	122	149250	43.596	ng		91
33) 4-Chloroaniline	8.30	127	296772	38.988	ng		99
34) Hexachlorobutadiene	8.36	225	126160	39.348	ng		99
35) Caprolactam	8.69	113	67867	40.800	ng		97
36) 4-Chloro-3-methylphenol	8.78	107	217694	40.542	ng		97
37) 2-Methylnaphthalene	8.94	142	438554	39.809	ng		97
38) 1-Methylnaphthalene	9.04	142	422920m	39.919	ng		
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	214078	40.074	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	65825	36.220	ng		99
43) 2,4,6-Trichlorophenol	9.22	196	134342	40.019	ng		95
44) 2,4,5-Trichlorophenol	9.26	196	143356	40.034	ng		95
46) 1,1'-Biphenyl	9.40	154	621388	39.470	ng		99
47) 2-Chloronaphthalene	9.43	162	449558	39.636	ng		98
48) 2-Nitroaniline	9.53	65	139941	40.038	ng		97
49) Acenaphthylene	9.85	152	643594	39.401	ng		98
50) Dimethylphthalate	9.70	163	481779	38.258	ng		99
51) 2,6-Dinitrotoluene	9.77	165	108579	39.196	ng		98
52) Acenaphthene	10.02	154	401563	38.901	ng		98
53) 3-Nitroaniline	9.95	138	129029	40.204	ng		88
54) 2,4-Dinitrophenol	10.06	184	38118	37.214	ng		90
55) Dibenzofuran	10.20	168	586117	38.809	ng		97
56) 4-Nitrophenol	10.10	139	85166	39.999	ng		97
57) 2,4-Dinitrotoluene	10.19	165	144080	40.002	ng		89
58) Fluorene	10.54	166	448459	38.659	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	112821m	40.050	ng		
60) Diethylphthalate	10.40	149	475537	38.170	ng		99
61) 4-Chlorophenyl-phenylether	10.53	204	233403	38.859	ng		95
62) 4-Nitroaniline	10.57	138	127034	39.307	ng		91
63) Azobenzene	10.69	77	474019	38.998	ng		98
65) 4,6-Dinitro-2-methylphenol	10.60	198	59616	38.595	ng		94
66) n-Nitrosodiphenylamine	10.65	169	415866	40.256	ng		98
67) 4-Bromophenyl-phenylether	11.02	248	133183	39.319	ng	#	90
68) Hexachlorobenzene	11.09	284	143105	40.072	ng		98
69) Atrazine	11.17	200	118402	37.484	ng		98
70) Pentachlorophenol	11.29	266	77939	40.901	ng		97
71) Phenanthrene	11.51	178	649136	39.533	ng		99
72) Anthracene	11.56	178	655379	39.567	ng		98
73) Carbazole	11.72	167	639180	40.182	ng		99
74) Di-n-butylphthalate	12.03	149	727320	38.990	ng		98
75) Fluoranthene	12.70	202	653294	39.685	ng		99
77) Benzidine	12.82	184	229087	37.034	ng		98
78) Pyrene	12.93	202	672355	38.820	ng		98
80) Butylbenzylphthalate	13.53	149	292111	39.185	ng		96
81) Benzo(a)anthracene	14.12	228	533272	39.664	ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	176251	39.133	ng		98
83) Chrysene	14.16	228	506741	39.562	ng		100
84) Bis(2-ethylhexyl)phthalate	14.08	149	363247	39.280	ng		97
85) Di-n-octyl phthalate	14.70	149	548516	40.335	ng		98
86) Indeno(1,2,3-cd)pyrene	17.23	276	334688	36.412	ng		98
88) Benzo(b)fluoranthene	15.20	252	372280	41.151	ng		100
89) Benzo(k)fluoranthene	15.23	252	379973	42.507	ng		98
90) Benzo(a)pyrene	15.59	252	331156	40.289	ng		98
91) Dibenzo(a,h)anthracene	17.23	278	276399	39.737	ng		98
92) Benzo(g,h,i)perylene	17.70	276	276424	40.054	ng		98

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

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