Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111592.D
Acq On : 19 Dec 2018 15:33
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
12/20/2018 12:41:46 PM

Quant Time: Dec 19 16:36:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 16:16:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	226144	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	810697	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	410648	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	771716	20.00	ng		0.00
76) Chrysene-d12	14.05	240	592046	20.00	ng		0.00
87) Perylene-d12	15.52	264	491326	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1037989	76.38	ng		0.00
7) Phenol-d6	6.52	99	1320122	73.03	ng		0.00
23) Nitrobenzene-d5	7.46	82	1169326	85.89	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	399579	108.62	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	2205807	82.97	ng		0.00
79) Terphenyl-d14	13.00	244	2474135	98.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	242686	36.975	ng		98
3) Pyridine	3.46	79	631611	38.315	ng		98
4) n-Nitrosodimethylamine	3.41	42	312191	41.693	ng		87
6) Aniline	6.56	93	852152	38.003	ng		99
8) 2-Chlorophenol	6.68	128	581256	35.796	ng		99
9) Benzaldehyde	6.45	77	449032	40.953	ng		97
10) Phenol	6.53	94	748097m	37.150	ng		
11) bis(2-Chloroethyl)ether	6.63	93	562463	35.631	ng		98
12) 1,3-Dichlorobenzene	6.84	146	674601	37.741	ng		99
13) 1,4-Dichlorobenzene	6.92	146	683368	37.666	ng		97
14) 1,2-Dichlorobenzene	7.07	146	636962	37.319	ng		98
15) Benzyl Alcohol	7.03	79	534357	38.849	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1038862	33.705	ng		100
17) 2-Methylphenol	7.14	107	466536	35.700	ng		95
18) Hexachloroethane	7.42	117	233157	34.532	ng	#	83
19) n-Nitroso-di-n-propylamine	7.31	70	433533	36.351	ng		94
20) 3+4-Methylphenols	7.30	107	589267	35.948	ng		93
22) Acetophenone	7.30	105	815829	45.080	ng	#	90
24) Nitrobenzene	7.47	77	615724	44.336	ng		96
25) Isophorone	7.72	82	997086	43.285	ng		97
26) 2-Nitrophenol	7.79	139	258211	35.852	ng		96
27) 2,4-Dimethylphenol	7.83	122	478283	45.807	ng		97
28) bis(2-Chloroethoxy)methane	7.93	93	661678	41.609	ng		98
29) 2,4-Dichlorophenol	8.03	162	510688	45.818	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	564864	48.411	ng		98
31) Naphthalene	8.20	128	1568529	41.366	ng		97
32) Benzoic acid	7.93	122	320010m	35.467	ng		
33) 4-Chloroaniline	8.25	127	683064	40.511	ng		99
34) Hexachlorobutadiene	8.33	225	344051	53.521	ng		99
35) Caprolactam	8.62	113	171828	41.522	ng		98
36) 4-Chloro-3-methylphenol	8.72	107	499933	40.749	ng		97
37) 2-Methylnaphthalene	8.89	142	1021275	39.803	ng		99
38) 1-Methylnaphthalene	8.99	142	982849	39.650	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	542462	48.169	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	269033	46.530	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	358091	44.927	ng		100
44) 2,4,5-Trichlorophenol	9.20	196	377315	44.486	ng		92
46) 1,1'-Biphenyl	9.36	154	1388304	39.900	ng		95
47) 2-Chloronaphthalene	9.38	162	1095620	41.425	ng		95
48) 2-Nitroaniline	9.47	65	296770	34.558	ng		98
49) Acenaphthylene	9.80	152	1598427	40.716	ng		96
50) Dimethylphthalate	9.66	163	1208588	40.867	ng		97
51) 2,6-Dinitrotoluene	9.71	165	248626	37.349	ng		90
52) Acenaphthene	9.97	154	976251	39.344	ng		98
53) 3-Nitroaniline	9.88	138	283324	35.041	ng	#	90
54) 2,4-Dinitrophenol	9.97	184	66025	26.070	ng	#	1
55) Dibenzofuran	10.14	168	1501662	41.693	ng		95
56) 4-Nitrophenol	10.02	139	215328	38.482	ng		89
57) 2,4-Dinitrotoluene	10.11	165	304391	34.838	ng		96
58) Fluorene	10.48	166	1062381	40.666	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	317579	47.923	ng		89
60) Diethylphthalate	10.36	149	1188885	39.686	ng		98
61) 4-Chlorophenyl-phenylether	10.47	204	585436	45.804	ng		92
62) 4-Nitroaniline	10.49	138	256868	32.092	ng		90
63) Azobenzene	10.63	77	1191664	40.350	ng		96
65) 4,6-Dinitro-2-methylphenol	10.52	198	119470	27.422	ng		96
66) n-Nitrosodiphenylamine	10.59	169	1045530	39.287	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	379166	45.586	ng		92
68) Hexachlorobenzene	11.03	284	429322	50.179	ng	#	90
69) Atrazine	11.12	200	359523	46.746	ng		96
70) Pentachlorophenol	11.22	266	279724	53.304	ng		98
71) Phenanthrene	11.44	178	1630196	40.996	ng		96
72) Anthracene	11.49	178	1629038	40.058	ng		96
73) Carbazole	11.64	167	1592187	37.861	ng		96
74) Di-n-butylphthalate	11.98	149	1800468	38.443	ng		96
75) Fluoranthene	12.63	202	1654431	42.528	ng		96
77) Benzidine	12.74	184	901862	41.439	ng		99
78) Pyrene	12.86	202	1690897	40.509	ng		97
80) Butylbenzylphthalate	13.47	149	709909	34.892	ng	#	87
81) Benzo(a)anthracene	14.04	228	1332199	41.383	ng		100
82) 3,3'-Dichlorobenzidine	14.00	252	549367	41.979	ng	#	96
83) Chrysene	14.07	228	1333495	39.322	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	877873	33.781	ng		99
85) Di-n-octyl phthalate	14.64	149	1356668	30.950	ng		97
86) Indeno(1,2,3-cd)pyrene	17.00	276	1132166	46.257	ng	#	90
88) Benzo(b)fluoranthene	15.09	252	1188491	41.490	ng	#	97
89) Benzo(k)fluoranthene	15.12	252	1069174m	39.063	ng		
90) Benzo(a)pyrene	15.46	252	1047672	40.559	ng	#	94
91) Dibenzo(a,h)anthracene	17.02	278	945307	46.392	ng	#	93
92) Benzo(g,h,i)perylene	17.44	276	932400	46.617	ng	#	89

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

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