Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108637.D
Acq On : 30 Aug 2018 13:00
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
8/31/2018 12:18:00 PM

Quant Time: Aug 30 14:53:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 12:33:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	128327	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	532808	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	276913	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	580950	20.00	ng		0.00
75) Chrysene-d12	14.20	240	395199	20.00	ng		0.00
86) Perylene-d12	15.76	264	294870	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	900189	127.00	ng		0.00
7) Phenol-d6	6.65	99	1226154	130.18	ng		0.00
23) Nitrobenzene-d5	7.58	82	1227447	128.55	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	428497	155.13	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	2264073	131.27	ng		0.00
78) Terphenyl-d14	13.13	244	2418898	155.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	197372	54.192	ng		89
3) Pyridine	3.70	79	462813	49.329	ng	#	84
4) n-Nitrosodimethylamine	3.67	42	220954	41.853	ng		85
6) Aniline	6.69	93	708564	55.304	ng	#	80
8) 2-Chlorophenol	6.80	128	535285	67.052	ng		94
9) Benzaldehyde	6.57	77	332642m	45.550	ng		
10) Phenol	6.67	94	728875	74.810	ng		74
11) bis(2-Chloroethyl)ether	6.74	93	614096	77.963	ng		95
12) 1,3-Dichlorobenzene	6.95	146	619530	67.117	ng		99
13) 1,4-Dichlorobenzene	7.02	146	674088	72.685	ng		98
14) 1,2-Dichlorobenzene	7.18	146	598357	69.363	ng		97
15) Benzyl Alcohol	7.16	79	464031	58.520	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.27	45	937313	57.763	ng		63
17) 2-Methylphenol	7.27	107	433826	63.369	ng	#	75
18) Hexachloroethane	7.51	117	227321	68.849	ng		94
19) n-Nitroso-di-n-propylamine	7.42	70	416506	65.390	ng		93
20) 3+4-Methylphenols	7.42	107	551638	62.879	ng	#	53
22) Acetophenone	7.42	105	774050	62.131	ng	#	83
24) Nitrobenzene	7.60	77	641740	66.465	ng		93
25) Isophorone	7.83	82	1052618	57.838	ng		97
26) 2-Nitrophenol	7.91	139	294182	80.679	ng		91
27) 2,4-Dimethylphenol	7.94	122	411513	50.946	ng		97
28) bis(2-Chloroethoxy)methane	8.03	93	651693	61.339	ng		99
29) 2,4-Dichlorophenol	8.15	162	498734	67.094	ng		97
30) 1,2,4-Trichlorobenzene	8.22	180	542564	66.202	ng		97
31) Naphthalene	8.31	128	1473381	60.806	ng		99
32) Benzoic acid	8.11	122	273558m	63.865	ng		
33) 4-Chloroaniline	8.37	127	661129	62.608	ng		97
34) Hexachlorobutadiene	8.41	225	355921	68.602	ng		99
35) Caprolactam	8.77	113	130974	56.226	ng		89
36) 4-Chloro-3-methylphenol	8.85	107	528936	65.960	ng		96
37) 2-Methylnaphthalene	9.00	142	1000286	58.347	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	573307	67.418	ng		97
40) Hexachlorocyclopentadiene	9.14	237	242862	44.216	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	366416	69.437	ng		100
43) 2,4,5-Trichlorophenol	9.34	196	384296	66.155	ng		94
45) 1,1'-Biphenyl	9.47	154	1374353	67.315	ng		98
46) 2-Chloronaphthalene	9.50	162	1090213	67.561	ng		99
47) 2-Nitroaniline	9.61	65	378475	72.488	ng		89
48) Acenaphthylene	9.91	152	1556405	61.009	ng		99
49) Dimethylphthalate	9.77	163	1269376	65.807	ng	#	99
50) 2,6-Dinitrotoluene	9.84	165	283191	70.172	ng		90
51) Acenaphthene	10.09	154	942289	60.305	ng		100
52) 3-Nitroaniline	10.02	138	304173	68.887	ng		89
53) 2,4-Dinitrophenol	10.12	184	108880	85.843	ng	#	25
54) Dibenzofuran	10.26	168	1448513	63.987	ng		95
55) 4-Nitrophenol	10.20	139	192236m	57.492	ng		
56) 2,4-Dinitrotoluene	10.25	165	363666	70.007	ng	#	83
57) Fluorene	10.61	166	1136994	63.447	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.38	232	355885	73.298	ng	#	83
59) Diethylphthalate	10.47	149	1254828	67.180	ng		96
60) 4-Chlorophenyl-phenylether	10.59	204	647082	69.297	ng		90
61) 4-Nitroaniline	10.67	138	289932	66.413	ng		89
62) Azobenzene	10.75	77	1237178	64.136	ng		93
64) 4,6-Dinitro-2-methylphenol	10.67	198	161967	80.887	ng		85
65) n-Nitrosodiphenylamine	10.72	169	1099292	64.033	ng		96
66) 4-Bromophenyl-phenylether	11.08	248	415783	65.857	ng	#	84
67) Hexachlorobenzene	11.15	284	455076	68.508	ng	#	90
68) Atrazine	11.24	200	272806	47.378	ng		96
69) Pentachlorophenol	11.35	266	261081	82.115	ng		98
70) Phenanthrene	11.57	178	1647579	60.128	ng		99
71) Anthracene	11.62	178	1731523	61.654	ng		99
72) Carbazole	11.79	167	1663117	66.652	ng		99
73) Di-n-butylphthalate	12.08	149	1887438	66.781	ng		99
74) Fluoranthene	12.77	202	1794545	60.008	ng		96
76) Benzidine	12.90	184	547300m	37.066	ng		
77) Pyrene	13.00	202	1816259	72.592	ng		98
79) Butylbenzylphthalate	13.60	149	758531	76.349	ng	#	98
80) Benzo(a)anthracene	14.19	228	1389684	61.273	ng		98
81) 3,3'-Dichlorobenzidine	14.15	252	454371	55.902	ng	#	95
82) Chrysene	14.23	228	1321815	63.570	ng		99
83) Bis(2-ethylhexyl)phthalate	14.14	149	946714	70.367	ng	#	99
84) Di-n-octyl phthalate	14.77	149	1346831	65.640	ng		96
85) Indeno(1,2,3-cd)pyrene	17.39	276	985277	54.688	ng	#	89
87) Benzo(b)fluoranthene	15.29	252	1057985	60.046	ng	#	96
88) Benzo(k)fluoranthene	15.32	252	1022487	63.129	ng	#	96
89) Benzo(a)pyrene	15.69	252	951048	60.277	ng	#	95
90) Dibenzo(a,h)anthracene	17.40	278	820991	62.888	ng	#	93
91) Benzo(g,h,i)perylene	17.88	276	810031	63.014	ng	#	88

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

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