Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100288.D
Acq On : 8 Nov 2017 13:20
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
11/9/2017 3:41:32 PM

Quant Time: Nov 08 14:10:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 08 12:45:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	172190	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	726155	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	349547	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	682829	20.00	ng		0.00
75) Chrysene-d12	14.07	240	495524	20.00	ng		0.00
86) Perylene-d12	15.54	264	439123	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1541380	140.54	ng		0.00
7) Phenol-d6	6.53	99	1919421	147.59	ng		0.01
23) Nitrobenzene-d5	7.47	82	1757789	155.84	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	525446	164.95	ng		0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	13.02	244	2900140	127.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	393177	81.179	ng		94
3) Pyridine	3.49	79	1136697	97.595	ng		93
4) n-Nitrosodimethylamine	3.46	42	563013	135.309	ng		93
6) Aniline	6.58	93	1416798	84.023	ng		99
8) 2-Chlorophenol	6.69	128	810294	69.319	ng		99
9) Benzaldehyde	6.46	77	651869	83.883	ng		99
10) Phenol	6.55	94	1003894	70.309	ng		92
11) bis(2-Chloroethyl)ether	6.65	93	852912	77.354	ng		92
12) 1,3-Dichlorobenzene	6.85	146	937845	71.455	ng		99
13) 1,4-Dichlorobenzene	6.92	146	941704	70.695	ng		99
14) 1,2-Dichlorobenzene	7.08	146	836492	68.902	ng		97
15) Benzyl Alcohol	7.05	79	761697	92.098	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1402728	114.525	ng		99
17) 2-Methylphenol	7.15	107	745215	76.215	ng		99
18) Hexachloroethane	7.42	117	324693	73.061	ng		99
19) n-Nitroso-di-n-propylamine	7.33	70	695882	91.311	ng		95
20) 3+4-Methylphenols	7.31	107	850667	74.718	ng	#	86
22) Acetophenone	7.32	105	1188913	71.908	ng	#	95
24) Nitrobenzene	7.49	77	908580	79.947	ng		97
25) Isophorone	7.73	82	1741189	85.074	ng		98
26) 2-Nitrophenol	7.80	139	436939	67.127	ng		99
27) 2,4-Dimethylphenol	7.84	122	772060	80.501	ng		98
28) bis(2-Chloroethoxy)methane	7.94	93	1078466	75.240	ng		99
29) 2,4-Dichlorophenol	8.04	162	752653	75.545	ng		99
30) 1,2,4-Trichlorobenzene	8.13	180	758569	71.259	ng		97
31) Naphthalene	8.21	128	2371925	67.669	ng		99
32) Benzoic acid	7.99	122	703509	83.336	ng		99
33) 4-Chloroaniline	8.26	127	994894	68.736	ng		98
34) Hexachlorobutadiene	8.32	225	443460	80.990	ng		98
35) Caprolactam	8.66	113	286906m	91.572	ng		
36) 4-Chloro-3-methylphenol	8.74	107	805126	79.174	ng		98
37) 2-Methylnaphthalene	8.90	142	1573268	66.976	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	777702	68.887	ng		97
40) Hexachlorocyclopentadiene	9.05	237	443963	272.823	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	581806	85.199	ng		100
43) 2,4,5-Trichlorophenol	9.22	196	580756	80.142	ng		93
45) 1,1'-Biphenyl	9.37	154	1990571	62.950	ng		98
46) 2-Chloronaphthalene	9.39	162	1530238	66.634	ng		98
47) 2-Nitroaniline	9.49	65	521167	86.468	ng		95
48) Acenaphthylene	9.81	152	2484212	70.234	ng		98
49) Dimethylphthalate	9.67	163	1941076	70.122	ng		100
50) 2,6-Dinitrotoluene	9.73	165	417935	71.819	ng		97
51) Acenaphthene	9.98	154	1539059	71.213	ng		99
52) 3-Nitroaniline	9.90	138	498487	72.700	ng		99
53) 2,4-Dinitrophenol	10.00	184	183053	91.547	ng	#	20
54) Dibenzofuran	10.15	168	2083859	68.308	ng		96
55) 4-Nitrophenol	10.05	139	415094	115.862	ng		98
56) 2,4-Dinitrotoluene	10.13	165	558521	79.697	ng	#	98
57) Fluorene	10.50	166	1508406	59.718	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	458171	90.176	ng		90
59) Diethylphthalate	10.37	149	1876314	69.411	ng		96
60) 4-Chlorophenyl-phenylether	10.49	204	728267	61.263	ng		94
61) 4-Nitroaniline	10.53	138	473445	72.372	ng		98
62) Azobenzene	10.65	77	1726084	76.173	ng		94
64) 4,6-Dinitro-2-methylphenol	10.55	198	301020	70.130	ng		85
65) n-Nitrosodiphenylamine	10.61	169	1632638	64.771	ng		97
66) 4-Bromophenyl-phenylether	10.97	248	517890	72.044	ng	#	90
67) Hexachlorobenzene	11.04	284	549902	74.773	ng	#	90
68) Atrazine	11.13	200	527207	69.630	ng		98
69) Pentachlorophenol	11.23	266	427482	136.033	ng		98
70) Phenanthrene	11.46	178	2384925	61.889	ng		98
71) Anthracene	11.51	178	2453875	62.734	ng		99
72) Carbazole	11.66	167	2275658	61.866	ng		99
73) Di-n-butylphthalate	11.99	149	2749719	58.609	ng		100
74) Fluoranthene	12.64	202	2538741	63.394	ng		98
76) Benzidine	12.76	184	1477102	68.123	ng	#	92
77) Pyrene	12.87	202	2625073	69.669	ng		98
79) Butylbenzylphthalate	13.49	149	1170893	63.106	ng		98
80) Benzo(a)anthracene	14.06	228	2112149	67.238	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	762024	66.828	ng	#	94
82) Chrysene	14.10	228	2042738	69.170	ng		98
83) Bis(2-ethylhexyl)phthalate	14.04	149	1435797	55.104	ng		100
84) Di-n-octyl phthalate	14.66	149	2480762	55.471	ng		98
85) Indeno(1,2,3-cd)pyrene	17.05	276	1834252	67.657	ng		95
87) Benzo(b)fluoranthene	15.12	252	2019534	72.832	ng		98
88) Benzo(k)fluoranthene	15.15	252	1647257	63.000	ng		98
89) Benzo(a)pyrene	15.49	252	1708037	68.574	ng		98
90) Dibenzo(a,h)anthracene	17.07	278	1493636	67.486	ng		98
91) Benzo(g,h,i)perylene	17.51	276	1551622	71.658	ng		94

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

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