Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083116.D
Acq On : 21 Nov 2015 16:24
Operator : UM/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:01:24 PM

Quant Time: Nov 22 00:54:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 23:51:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	168909	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	648436	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	319869	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	602552	20.00	ng		0.00
75) Chrysene-d12	13.81	240	505208	20.00	ng		0.00
86) Perylene-d12	15.17	264	416688	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1710087	155.93	ng		0.00
7) Phenol-d6	6.35	99	2153610	151.79	ng		0.01
23) Nitrobenzene-d5	7.24	82	2053513	146.76	ng		0.01
41) 2,4,6-Tribromophenol	10.49	330	469590	145.10	ng		0.00
44) 2-Fluorobiphenyl	9.04	172	3293059	150.14	ng		0.01
78) Terphenyl-d14	12.76	244	3067843	145.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	439076	80.09	ng		99
3) Pyridine	3.00	79	1243384	89.62	ng		99
4) n-Nitrosodimethylamine	2.81	42	613359	88.18	ng		99
6) Aniline	6.34	93	1441982	79.73	ng	#	81
8) 2-Chlorophenol	6.47	128	910517	76.81	ng		85
9) Benzaldehyde	6.22	77	428836	59.30	ng		94
10) Phenol	6.36	94	1335658	78.23	ng		94
11) bis(2-Chloroethyl)ether	6.42	93	1023604	83.71	ng		90
12) 1,3-Dichlorobenzene	6.60	146	1066120	80.97	ng		97
13) 1,4-Dichlorobenzene	6.67	146	1031720	76.63	ng		99
14) 1,2-Dichlorobenzene	6.83	146	870761	70.71	ng		97
15) Benzyl Alcohol	6.84	79	933237	78.26	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1431139	75.48	ng	#	48
17) 2-Methylphenol	6.96	107	777726	79.66	ng	#	84
18) Hexachloroethane	7.18	117	392698	80.81	ng	#	91
19) n-Nitroso-di-n-propylamine	7.12	70	744858	74.97	ng		100
20) 3+4-Methylphenols	7.12	107	929671	75.39	ng		90
22) Acetophenone	7.11	105	1445827	78.84	ng		94
24) Nitrobenzene	7.27	77	1225075	81.75	ng		93
25) Isophorone	7.53	82	2087513	78.17	ng		99
26) 2-Nitrophenol	7.58	139	503120	74.21	ng		99
27) 2,4-Dimethylphenol	7.64	122	847766	79.20	ng		99
28) bis(2-Chloroethoxy)methane	7.72	93	1197953	77.17	ng		98
29) 2,4-Dichlorophenol	7.83	162	721159	71.36	ng		95
30) 1,2,4-Trichlorobenzene	7.90	180	831708	75.63	ng		99
31) Naphthalene	7.98	128	2516790	73.93	ng		97
32) Benzoic acid	7.84	122	738048	85.94	ng		99
33) 4-Chloroaniline	8.04	127	1077437	79.65	ng	#	90
34) Hexachlorobutadiene	8.10	225	514595	79.18	ng		99
35) Caprolactam	8.50	113	267318	86.60	ng		95
36) 4-Chloro-3-methylphenol	8.55	107	832443	71.17	ng		90
37) 2-Methylnaphthalene	8.66	142	1545603	70.26	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	797585	77.72	ng		100
40) Hexachlorocyclopentadiene	8.82	237	493419	81.03	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	600485	80.91	ng		99
43) 2,4,5-Trichlorophenol	9.00	196	586418	77.48	ng	#	92
45) 1,1'-Biphenyl	9.13	154	1815588	68.16	ng		99
46) 2-Chloronaphthalene	9.15	162	1541379	73.57	ng		97
47) 2-Nitroaniline	9.27	65	666317	86.92	ng	#	76
48) Acenaphthylene	9.56	152	2305676	70.98	ng		96
49) Dimethylphthalate	9.46	163	1966325	81.50	ng		100
50) 2,6-Dinitrotoluene	9.51	165	450491	81.17	ng	#	85
51) Acenaphthene	9.74	154	1576430	80.12	ng		99
52) 3-Nitroaniline	9.68	138	435976	71.73	ng		96
53) 2,4-Dinitrophenol	9.78	184	283445	89.04	ng		95
54) Dibenzofuran	9.91	168	1932695	69.80	ng		99
55) 4-Nitrophenol	9.87	139	409214m	90.58	ng		
56) 2,4-Dinitrotoluene	9.91	165	532398	76.05	ng	#	77
57) Fluorene	10.25	166	1712766	74.86	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	449122	72.44	ng		97
59) Diethylphthalate	10.15	149	1757549	72.75	ng		99
60) 4-Chlorophenyl-phenylether	10.25	204	774212	74.41	ng		93
61) 4-Nitroaniline	10.31	138	501874	84.03	ng		94
62) Azobenzene	10.40	77	2117372	77.06	ng		83
64) 4,6-Dinitro-2-methylphenol	10.32	198	374940	86.90	ng	#	69
65) n-Nitrosodiphenylamine	10.38	169	1659157	82.33	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	497289	74.79	ng		91
67) Hexachlorobenzene	10.80	284	576112	79.15	ng	#	75
68) Atrazine	10.91	200	393980	66.95	ng		97
69) Pentachlorophenol	10.99	266	383550	78.17	ng		98
70) Phenanthrene	11.20	178	2362558	70.46	ng		96
71) Anthracene	11.26	178	2646421	76.29	ng		97
72) Carbazole	11.42	167	2164975	70.29	ng		97
73) Di-n-butylphthalate	11.76	149	2750024	72.49	ng		98
74) Fluoranthene	12.39	202	2767154	80.07	ng		96
76) Benzidine	12.51	184	939902	70.98	ng		98
77) Pyrene	12.60	202	2611263	76.73	ng		98
79) Butylbenzylphthalate	13.25	149	1292629	78.61	ng		91
80) Benzo(a)anthracene	13.79	228	2436134	76.07	ng		98
81) 3,3'-Dichlorobenzidine	13.77	252	839301	77.12	ng	#	97
82) Chrysene	13.84	228	2170554	80.62	ng		100
83) Bis(2-ethylhexyl)phthalate	13.81	149	1675421	79.11	ng		99
84) Di-n-octyl phthalate	14.42	149	2808444	77.37	ng		97
85) Indeno(1,2,3-cd)pyrene	16.45	276	2079513	81.07	ng		98
87) Benzo(b)fluoranthene	14.80	252	2045334m	73.98	ng		
88) Benzo(k)fluoranthene	14.82	252	1706944m	81.15	ng		
89) Benzo(a)pyrene	15.12	252	1759596	76.61	ng	#	96
90) Dibenzo(a,h)anthracene	16.47	278	1707030	81.87	ng		99
91) Benzo(g,h,i)perylene	16.83	276	1691186	83.06	ng	#	95

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

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