Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103015\
Data File : BF082585.D
Acq On : 30 Oct 2015 21:32
Operator : UM/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
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11/2/2015 4:32:02 PM

Quant Time: Oct 30 22:45:22 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 23:22:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	186383	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	709492	20.00	ng		0.01
38) Acenaphthene-d10	9.96	164	336697	20.00	ng		0.01
63) Phenanthrene-d10	11.44	188	646404	20.00	ng		0.00
75) Chrysene-d12	14.09	240	541772	20.00	ng		0.01
86) Perylene-d12	15.54	264	409200	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1779088	178.93	ng		0.00
7) Phenol-d6	6.54	99	2449212	190.59	ng		0.01
23) Nitrobenzene-d5	7.48	82	2528349	210.63	ng		0.01
41) 2,4,6-Tribromophenol	10.75	330	661396	248.22	ng		0.01
44) 2-Fluorobiphenyl	9.29	172	3937967	181.08	ng		0.01
78) Terphenyl-d14	13.04	244	3808254	195.44	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	448934	91.53	ng		90
3) Pyridine	3.28	79	1380355	116.75	ng		95
4) n-Nitrosodimethylamine	3.24	42	748806	135.19	ng		96
6) Aniline	6.58	93	1732743	104.41	ng		97
8) 2-Chlorophenol	6.69	128	930217	82.07	ng	#	77
9) Benzaldehyde	6.45	77	797666	114.14	ng		94
10) Phenol	6.56	94	1286939	86.94	ng	#	76
11) bis(2-Chloroethyl)ether	6.65	93	964895	85.26	ng		95
12) 1,3-Dichlorobenzene	6.85	146	1225447m	91.38	ng		
13) 1,4-Dichlorobenzene	6.92	146	1117345	80.97	ng		98
14) 1,2-Dichlorobenzene	7.08	146	936524m	71.56	ng		
15) Benzyl Alcohol	7.06	79	1242958	129.26	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1658026	104.09	ng		96
17) 2-Methylphenol	7.16	107	905368	98.08	ng		95
18) Hexachloroethane	7.42	117	431711	89.72	ng		96
19) n-Nitroso-di-n-propylamine	7.34	70	943354	109.50	ng		91
20) 3+4-Methylphenols	7.33	107	1190469	101.90	ng		95
22) Acetophenone	7.32	105	1630833	98.94	ng	#	80
24) Nitrobenzene	7.50	77	1476939	112.07	ng		99
25) Isophorone	7.74	82	2385835	102.09	ng		99
26) 2-Nitrophenol	7.81	139	520093	86.59	ng		89
27) 2,4-Dimethylphenol	7.86	122	1017533	100.07	ng		98
28) bis(2-Chloroethoxy)methane	7.95	93	1135157	83.71	ng	#	98
29) 2,4-Dichlorophenol	8.05	162	803897	81.34	ng		85
30) 1,2,4-Trichlorobenzene	8.14	180	999340	89.78	ng		96
31) Naphthalene	8.22	128	2872041	86.47	ng		97
32) Benzoic acid	8.02	122	678021	111.81	ng		92
33) 4-Chloroaniline	8.27	127	1305688	101.50	ng		94
34) Hexachlorobutadiene	8.35	225	647722	98.25	ng		98
35) Caprolactam	8.67	113	251850	89.81	ng		93
36) 4-Chloro-3-methylphenol	8.75	107	978755	100.19	ng		97
37) 2-Methylnaphthalene	8.91	142	1701295	74.99	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	819872	78.81	ng	#	96
40) Hexachlorocyclopentadiene	9.07	237	591838	210.38	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	667549	99.76	ng		95
43) 2,4,5-Trichlorophenol	9.23	196	671724	100.01	ng		92
45) 1,1'-Biphenyl	9.38	154	1975953	76.89	ng		95
46) 2-Chloronaphthalene	9.40	162	1613033	79.60	ng		92
47) 2-Nitroaniline	9.49	65	704082	114.97	ng		95
48) Acenaphthylene	9.82	152	2918329	89.90	ng		99
49) Dimethylphthalate	9.69	163	1838967	77.59	ng		99
50) 2,6-Dinitrotoluene	9.74	165	532064	101.12	ng		92
51) Acenaphthene	10.00	154	1959822	104.51	ng		99
52) 3-Nitroaniline	9.92	138	563346	99.79	ng	#	64
53) 2,4-Dinitrophenol	10.01	184	243591	122.56	ng	#	38
54) Dibenzofuran	10.17	168	2598179	96.45	ng		97
55) 4-Nitrophenol	10.06	139	414895	165.26	ng	#	70
56) 2,4-Dinitrotoluene	10.14	165	658881	99.96	ng		94
57) Fluorene	10.51	166	2138196	96.29	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	590265	111.78	ng		95
59) Diethylphthalate	10.38	149	2094598	88.56	ng		98
60) 4-Chlorophenyl-phenylether	10.50	204	902813	84.69	ng	#	85
61) 4-Nitroaniline	10.53	138	509985	91.46	ng		99
62) Azobenzene	10.66	77	2429012	101.64	ng		87
64) 4,6-Dinitro-2-methylphenol	10.56	198	377750	96.69	ng	#	71
65) n-Nitrosodiphenylamine	10.62	169	1879848	92.71	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	612693	98.01	ng	#	79
67) Hexachlorobenzene	11.06	284	693983	105.19	ng	#	73
68) Atrazine	11.15	200	562594	91.80	ng		97
69) Pentachlorophenol	11.24	266	433355	154.94	ng		99
70) Phenanthrene	11.47	178	3057985	90.29	ng		97
71) Anthracene	11.52	178	2571891	74.94	ng		98
72) Carbazole	11.66	167	2464308	81.31	ng		99
73) Di-n-butylphthalate	12.01	149	2840326	77.26	ng		98
74) Fluoranthene	12.66	202	3153253	90.86	ng		95
76) Benzidine	12.77	184	1639321	98.35	ng	#	92
77) Pyrene	12.89	202	3200780	92.29	ng		98
79) Butylbenzylphthalate	13.51	149	1320259	88.61	ng		93
80) Benzo(a)anthracene	14.08	228	2554582	84.40	ng		98
81) 3,3'-Dichlorobenzidine	14.04	252	989500	95.93	ng	#	96
82) Chrysene	14.11	228	2311226	79.65	ng		97
83) Bis(2-ethylhexyl)phthalate	14.08	149	1740310	87.88	ng		99
84) Di-n-octyl phthalate	14.71	149	2876817	88.83	ng		99
85) Indeno(1,2,3-cd)pyrene	16.99	276	2091778	81.54	ng		100
87) Benzo(b)fluoranthene	15.13	252	2054898	83.21	ng		98
88) Benzo(k)fluoranthene	15.16	252	1947302m	94.69	ng		
89) Benzo(a)pyrene	15.48	252	1832825	85.89	ng		97
90) Dibenzo(a,h)anthracene	17.01	278	1708252	94.25	ng		98
91) Benzo(g,h,i)perylene	17.43	276	1659873	92.73	ng		99

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

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