Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071415\
Data File : BF080472.D
Acq On : 14 Jul 2015 19:16
Operator : TP/UM
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
apatel
7/16/2015 8:21:26 AM

Quant Time: Jul 15 01:58:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 15 01:24:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	12922	20.00	ng		0.00
21) Naphthalene-d8	8.41	136	48396	20.00	ng		0.00
38) Acenaphthene-d10	10.17	164	22238	20.00	ng		-0.01
63) Phenanthrene-d10	11.66	188	43609	20.00	ng		0.00
75) Chrysene-d12	14.50	240	49418	20.00	ng		0.02
86) Perylene-d12	16.23	264	61922	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	147103	195.31	ng		0.00
7) Phenol-d6	6.77	99	181776	182.36	ng		0.00
23) Nitrobenzene-d5	7.69	82	161656	189.99	ng		0.00
41) 2,4,6-Tribromophenol	10.97	330	39825	186.28	ng		0.00
44) 2-Fluorobiphenyl	9.48	172	287778	176.36	ng		0.00
78) Terphenyl-d14	13.29	244	319079	142.05	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	28239	80.78	ng		93
3) Pyridine	3.77	79	82746	101.81	ng		95
4) n-Nitrosodimethylamine	3.63	42	44489	100.84	ng		99
6) Aniline	6.80	93	132278	102.93	ng		99
8) 2-Chlorophenol	6.92	128	77048	86.66	ng		96
9) Benzaldehyde	6.68	77	45141	80.41	ng		97
10) Phenol	6.78	94	104570	94.12	ng		99
11) bis(2-Chloroethyl)ether	6.85	93	79641	87.97	ng		97
12) 1,3-Dichlorobenzene	7.07	146	88055	86.39	ng		99
13) 1,4-Dichlorobenzene	7.14	146	94899	83.41	ng		96
14) 1,2-Dichlorobenzene	7.30	146	92264	85.13	ng		99
15) Benzyl Alcohol	7.28	79	65768	81.75	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.39	45	120679	91.44	ng		94
17) 2-Methylphenol	7.39	107	59294	77.61	ng		98
18) Hexachloroethane	7.64	117	31984	90.56	ng		96
19) n-Nitroso-di-n-propylamine	7.53	70	63519	92.22	ng		97
20) 3+4-Methylphenols	7.54	107	88818	90.24	ng		96
22) Acetophenone	7.54	105	106170	93.24	ng	#	97
24) Nitrobenzene	7.71	77	94633	101.74	ng		99
25) Isophorone	7.94	82	151446	99.15	ng		99
26) 2-Nitrophenol	8.03	139	41160	93.00	ng		95
27) 2,4-Dimethylphenol	8.06	122	75309	104.60	ng		98
28) bis(2-Chloroethoxy)methane	8.14	93	85081	93.87	ng		99
29) 2,4-Dichlorophenol	8.27	162	66378	102.74	ng		91
30) 1,2,4-Trichlorobenzene	8.35	180	76561	89.57	ng		98
31) Naphthalene	8.43	128	224090	85.68	ng		99
32) Benzoic acid	8.16	122	37379	78.59	ng		89
33) 4-Chloroaniline	8.49	127	94512	104.55	ng		98
34) Hexachlorobutadiene	8.54	225	39365	80.15	ng		98
35) Caprolactam	8.84	113	16465	89.00	ng	#	66
36) 4-Chloro-3-methylphenol	8.97	107	62097	91.48	ng	#	76
37) 2-Methylnaphthalene	9.13	142	149573	86.30	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.29	216	68712	94.11	ng		99
40) Hexachlorocyclopentadiene	9.28	237	34255	91.81	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.41	196	42546	99.16	ng		98
43) 2,4,5-Trichlorophenol	9.46	196	43395	95.15	ng		97
45) 1,1'-Biphenyl	9.58	154	171844	90.14	ng		98
46) 2-Chloronaphthalene	9.62	162	139555	96.99	ng		98
47) 2-Nitroaniline	9.72	65	42973	102.02	ng		93
48) Acenaphthylene	10.03	152	215623	89.22	ng		99
49) Dimethylphthalate	9.88	163	151064	90.46	ng		100
50) 2,6-Dinitrotoluene	9.95	165	34998	94.02	ng		96
51) Acenaphthene	10.20	154	128313	83.94	ng		98
52) 3-Nitroaniline	10.13	138	37789	102.64	ng		98
53) 2,4-Dinitrophenol	10.24	184	13740	98.42	ng		89
54) Dibenzofuran	10.37	168	182063	89.45	ng		98
55) 4-Nitrophenol	10.30	139	25019	94.65	ng		91
56) 2,4-Dinitrotoluene	10.35	165	40221	92.73	ng	#	24
57) Fluorene	10.72	166	146310	85.27	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.50	232	35842	91.63	ng		98
59) Diethylphthalate	10.58	149	149691	90.89	ng		99
60) 4-Chlorophenyl-phenylether	10.70	204	71238	87.26	ng		97
61) 4-Nitroaniline	10.75	138	36640	103.00	ng		99
62) Azobenzene	10.86	77	152454	87.42	ng		99
64) 4,6-Dinitro-2-methylphenol	10.76	198	20999	93.51	ng		94
65) n-Nitrosodiphenylamine	10.83	169	131641	97.22	ng		98
66) 4-Bromophenyl-phenylether	11.20	248	38911	85.70	ng		94
67) Hexachlorobenzene	11.28	284	42843	91.91	ng		97
68) Atrazine	11.34	200	36405	89.53	ng		100
69) Pentachlorophenol	11.47	266	21007	82.78	ng		95
70) Phenanthrene	11.69	178	221986	85.58	ng		98
71) Anthracene	11.74	178	215022	89.69	ng		100
72) Carbazole	11.90	167	187350	85.19	ng		99
73) Di-n-butylphthalate	12.21	149	209623	91.61	ng	#	96
74) Fluoranthene	12.91	202	226896	85.34	ng		99
76) Benzidine	13.04	184	118487	112.06	ng		99
77) Pyrene	13.15	202	231374	74.00	ng		99
79) Butylbenzylphthalate	13.81	149	93549	79.95	ng		98
80) Benzo(a)anthracene	14.49	228	248368	81.64	ng		99
81) 3,3'-Dichlorobenzidine	14.44	252	80755	87.93	ng		95
82) Chrysene	14.53	228	243443	85.81	ng		99
83) Bis(2-ethylhexyl)phthalate	14.44	149	132298	72.61	ng	#	94
84) Di-n-octyl phthalate	15.20	149	259796	80.84	ng		99
85) Indeno(1,2,3-cd)pyrene	17.87	276	478531	130.49	ng		99
87) Benzo(b)fluoranthene	15.75	252	302109	72.87	ng		98
88) Benzo(k)fluoranthene	15.78	252	314211m	89.28	ng		
89) Benzo(a)pyrene	16.16	252	313735	84.27	ng		98
90) Dibenzo(a,h)anthracene	17.88	278	383850	101.52	ng		98
91) Benzo(g,h,i)perylene	18.36	276	403722	106.72	ng		98

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

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