Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062615\
Data File : BF080186.D
Acq On : 26 Jun 2015 10:18
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
apatel
6/29/2015 11:32:39 AM

Quant Time: Jun 26 23:04:35 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 26 23:02:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	33145	20.00	ng		0.00
21) Naphthalene-d8	8.58	136	133650	20.00	ng		0.00
38) Acenaphthene-d10	10.36	164	68069	20.00	ng		0.00
63) Phenanthrene-d10	11.89	188	136944	20.00	ng		0.00
75) Chrysene-d12	15.03	240	143891	20.00	ng		0.00
86) Perylene-d12	17.02	264	145103	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	161379	86.19	ng		0.00
7) Phenol-d6	6.89	99	203393	81.63	ng		0.00
23) Nitrobenzene-d5	7.85	82	207445	90.36	ng		0.00
41) 2,4,6-Tribromophenol	11.16	330	53271	80.03	ng		0.00
44) 2-Fluorobiphenyl	9.66	172	360625	75.55	ng		0.00
78) Terphenyl-d14	13.66	244	471100	76.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	37406m	42.03	ng		
3) Pyridine	3.96	79	106288	44.91	ng	#	83
4) n-Nitrosodimethylamine	3.88	42	46499	41.34	ng		93
6) Aniline	6.95	93	153288	44.72	ng		93
8) 2-Chlorophenol	7.08	128	91937	42.48	ng		88
9) Benzaldehyde	6.84	77	50135	34.85	ng	#	68
10) Phenol	6.92	94	111955	41.17	ng		87
11) bis(2-Chloroethyl)ether	7.02	93	81041	37.57	ng		84
12) 1,3-Dichlorobenzene	7.24	146	103740m	39.90	ng		
13) 1,4-Dichlorobenzene	7.32	146	115359m	46.66	ng		
14) 1,2-Dichlorobenzene	7.48	146	96705	40.20	ng		98
15) Benzyl Alcohol	7.42	79	80907	39.71	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	7.57	45	146290	45.68	ng		84
17) 2-Methylphenol	7.53	107	72719	39.34	ng	#	91
18) Hexachloroethane	7.82	117	37117	45.09	ng	#	83
19) n-Nitroso-di-n-propylamine	7.69	70	71085	41.09	ng	#	76
20) 3+4-Methylphenols	7.68	107	101663	42.61	ng		92
22) Acetophenone	7.69	105	123742	39.73	ng	#	81
24) Nitrobenzene	7.88	77	99157	41.85	ng	#	77
25) Isophorone	8.10	82	175085	37.90	ng	#	83
26) 2-Nitrophenol	8.20	139	49938	50.35	ng	#	73
27) 2,4-Dimethylphenol	8.22	122	89157	43.11	ng	#	84
28) bis(2-Chloroethoxy)methane	8.31	93	105270	38.78	ng	#	91
29) 2,4-Dichlorophenol	8.44	162	82248	46.44	ng		98
30) 1,2,4-Trichlorobenzene	8.53	180	94180	46.82	ng		98
31) Naphthalene	8.61	128	275296m	39.40	ng		
32) Benzoic acid	8.29	122	41425	33.13	ng	#	71
33) 4-Chloroaniline	8.64	127	108259m	36.20	ng		
34) Hexachlorobutadiene	8.73	225	54258	43.81	ng		99
35) Caprolactam	8.98	113	23199	40.36	ng	#	85
36) 4-Chloro-3-methylphenol	9.12	107	75208	37.65	ng		95
37) 2-Methylnaphthalene	9.30	142	198505	43.92	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	91670	46.28	ng		98
40) Hexachlorocyclopentadiene	9.46	237	32969	36.07	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	62095	46.07	ng		98
43) 2,4,5-Trichlorophenol	9.61	196	58756	37.84	ng	#	84
45) 1,1'-Biphenyl	9.77	154	216933	39.17	ng		95
46) 2-Chloronaphthalene	9.80	162	179404	39.92	ng	#	93
47) 2-Nitroaniline	9.89	65	49805	40.38	ng		94
48) Acenaphthylene	10.22	152	311150	41.49	ng		97
49) Dimethylphthalate	10.06	163	209943	41.02	ng	#	97
50) 2,6-Dinitrotoluene	10.12	165	40737	39.71	ng	#	40
51) Acenaphthene	10.39	154	176738	38.52	ng		87
52) 3-Nitroaniline	10.30	138	49398	41.73	ng	#	97
53) 2,4-Dinitrophenol	10.40	184	14725	38.52	ng	#	1
54) Dibenzofuran	10.56	168	250362	38.45	ng	#	89
55) 4-Nitrophenol	10.44	139	38408	40.59	ng	#	52
56) 2,4-Dinitrotoluene	10.53	165	61106	46.94	ng	#	81
57) Fluorene	10.92	166	217753	42.15	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.68	232	49444	37.72	ng		98
59) Diethylphthalate	10.77	149	197283	38.29	ng		96
60) 4-Chlorophenyl-phenylether	10.89	204	94277	37.97	ng	#	80
61) 4-Nitroaniline	10.90	138	47932	39.21	ng	#	41
62) Azobenzene	11.06	77	198377	37.82	ng		93
64) 4,6-Dinitro-2-methylphenol	10.95	198	23521	37.37	ng	#	63
65) n-Nitrosodiphenylamine	11.01	169	171326	38.42	ng		93
66) 4-Bromophenyl-phenylether	11.40	248	57111	39.22	ng	#	85
67) Hexachlorobenzene	11.49	284	63145	39.02	ng	#	77
68) Atrazine	11.54	200	55447	39.36	ng		84
69) Pentachlorophenol	11.68	266	30428	33.18	ng		97
70) Phenanthrene	11.91	178	331677	40.01	ng		98
71) Anthracene	11.97	178	321953	40.33	ng		99
72) Carbazole	12.12	167	289840	38.03	ng		95
73) Di-n-butylphthalate	12.47	149	320009	36.34	ng	#	98
74) Fluoranthene	13.22	202	341081	38.63	ng		94
76) Benzidine	13.36	184	167718	41.70	ng		98
77) Pyrene	13.50	202	354753	40.04	ng		97
79) Butylbenzylphthalate	14.25	149	136831	38.46	ng		93
80) Benzo(a)anthracene	15.02	228	348313	39.73	ng		97
81) 3,3'-Dichlorobenzidine	14.96	252	119641	39.57	ng	#	93
82) Chrysene	15.07	228	326827	40.43	ng		96
83) Bis(2-ethylhexyl)phthalate	15.01	149	201868	35.90	ng	#	92
84) Di-n-octyl phthalate	15.89	149	341089	35.40	ng		94
85) Indeno(1,2,3-cd)pyrene	18.88	276	413475	40.56	ng	#	89
87) Benzo(b)fluoranthene	16.48	252	338361	38.51	ng	#	85
88) Benzo(k)fluoranthene	16.52	252	347603	38.85	ng	#	88
89) Benzo(a)pyrene	16.94	252	332275	39.83	ng	#	88
90) Dibenzo(a,h)anthracene	18.92	278	340749	39.90	ng	#	82
91) Benzo(g,h,i)perylene	19.44	276	338967	39.31	ng	#	77

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

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