Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080091.D
Acq On : 20 Jun 2015 9:50
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
6/22/2015 2:44:15 PM

Quant Time: Jun 22 01:56:35 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	46980	20.00	ng		-0.01
21) Naphthalene-d8	8.62	136	193051	20.00	ng		-0.01
38) Acenaphthene-d10	10.39	164	102191	20.00	ng		-0.01
63) Phenanthrene-d10	11.90	188	216486	20.00	ng		-0.01
75) Chrysene-d12	14.89	240	243975	20.00	ng		0.03
86) Perylene-d12	16.79	264	227846	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	222646	83.89	ng		0.00
7) Phenol-d6	6.93	99	294033	83.26	ng		-0.01
23) Nitrobenzene-d5	7.89	82	296499	89.41	ng		-0.01
41) 2,4,6-Tribromophenol	11.19	330	90866	90.93	ng		-0.01
44) 2-Fluorobiphenyl	9.69	172	530223	73.99	ng		-0.01
78) Terphenyl-d14	13.60	244	802112	76.78	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	51318	40.68	ng		84
3) Pyridine	4.02	79	124004	36.96	ng	#	82
4) n-Nitrosodimethylamine	3.93	42	65567	41.12	ng		97
6) Aniline	6.98	93	214009	44.05	ng		92
8) 2-Chlorophenol	7.11	128	129294	42.15	ng		85
9) Benzaldehyde	6.88	77	83583	41.00	ng		91
10) Phenol	6.95	94	151466	39.30	ng		88
11) bis(2-Chloroethyl)ether	7.05	93	118255	38.67	ng		84
12) 1,3-Dichlorobenzene	7.27	146	149093m	40.46	ng		
13) 1,4-Dichlorobenzene	7.35	146	169987m	48.51	ng		
14) 1,2-Dichlorobenzene	7.51	146	144080	42.25	ng		98
15) Benzyl Alcohol	7.45	79	118861	41.16	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.60	45	212955	46.92	ng		85
17) 2-Methylphenol	7.57	107	103987	39.69	ng	#	89
18) Hexachloroethane	7.85	117	51223	43.90	ng	#	88
19) n-Nitroso-di-n-propylamine	7.73	70	101916	41.56	ng	#	77
20) 3+4-Methylphenols	7.72	107	149313	44.16	ng		92
22) Acetophenone	7.73	105	185759	41.29	ng	#	80
24) Nitrobenzene	7.91	77	144833	42.32	ng	#	77
25) Isophorone	8.14	82	252975	37.91	ng	#	84
26) 2-Nitrophenol	8.23	139	71061	49.60	ng	#	75
27) 2,4-Dimethylphenol	8.25	122	122268	40.93	ng		86
28) bis(2-Chloroethoxy)methane	8.34	93	161884	41.29	ng	#	92
29) 2,4-Dichlorophenol	8.47	162	116514	45.54	ng		98
30) 1,2,4-Trichlorobenzene	8.56	180	137715	47.40	ng		99
31) Naphthalene	8.64	128	392420m	38.88	ng		
32) Benzoic acid	8.31	122	71869	39.79	ng	#	68
33) 4-Chloroaniline	8.68	127	156106m	36.14	ng		
34) Hexachlorobutadiene	8.77	225	76456	42.74	ng		99
35) Caprolactam	9.02	113	33242	40.03	ng	#	77
36) 4-Chloro-3-methylphenol	9.14	107	111606	38.68	ng	#	72
37) 2-Methylnaphthalene	9.34	142	290782	44.54	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	136360	45.85	ng		98
40) Hexachlorocyclopentadiene	9.50	237	45798	33.84	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.61	196	94843	46.87	ng		99
43) 2,4,5-Trichlorophenol	9.65	196	92038	39.48	ng	#	88
45) 1,1'-Biphenyl	9.81	154	332774	40.02	ng		94
46) 2-Chloronaphthalene	9.83	162	269701	39.98	ng	#	93
47) 2-Nitroaniline	9.91	65	73633	39.76	ng	#	56
48) Acenaphthylene	10.25	152	461055	40.95	ng		97
49) Dimethylphthalate	10.09	163	320967	41.78	ng	#	97
50) 2,6-Dinitrotoluene	10.15	165	60883	39.53	ng	#	38
51) Acenaphthene	10.42	154	270993	39.34	ng		89
52) 3-Nitroaniline	10.32	138	72864	41.00	ng	#	47
53) 2,4-Dinitrophenol	10.44	184	21653	37.85	ng	#	1
54) Dibenzofuran	10.60	168	378852	38.76	ng	#	86
55) 4-Nitrophenol	10.47	139	63208	44.50	ng	#	70
56) 2,4-Dinitrotoluene	10.56	165	94299	48.25	ng	#	88
57) Fluorene	10.95	166	334636	43.15	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.71	232	79316	40.30	ng		98
59) Diethylphthalate	10.79	149	303162	39.19	ng		96
60) 4-Chlorophenyl-phenylether	10.93	204	150575	40.40	ng	#	85
61) 4-Nitroaniline	10.94	138	77653	42.31	ng	#	46
62) Azobenzene	11.09	77	316954	40.25	ng		86
64) 4,6-Dinitro-2-methylphenol	10.97	198	38001	37.98	ng		96
65) n-Nitrosodiphenylamine	11.04	169	284411	40.35	ng		93
66) 4-Bromophenyl-phenylether	11.43	248	98158	42.64	ng	#	87
67) Hexachlorobenzene	11.51	284	104561	40.87	ng	#	80
68) Atrazine	11.57	200	94785	42.56	ng		84
69) Pentachlorophenol	11.69	266	56042	38.66	ng		99
70) Phenanthrene	11.92	178	486927	37.15	ng		97
71) Anthracene	11.98	178	519935	41.20	ng		97
72) Carbazole	12.13	167	461413	38.30	ng		96
73) Di-n-butylphthalate	12.46	149	581823	41.80	ng	#	98
74) Fluoranthene	13.19	202	547691	39.24	ng		94
76) Benzidine	13.32	184	319402	46.84	ng	#	97
77) Pyrene	13.45	202	581135	38.69	ng		97
79) Butylbenzylphthalate	14.15	149	245106	40.63	ng	#	83
80) Benzo(a)anthracene	14.88	228	580222	39.04	ng		97
81) 3,3'-Dichlorobenzidine	14.83	252	206686	40.32	ng	#	93
82) Chrysene	14.93	228	528070	38.53	ng		94
83) Bis(2-ethylhexyl)phthalate	14.85	149	381087	39.97	ng	#	90
84) Di-n-octyl phthalate	15.67	149	659383	40.36	ng		95
85) Indeno(1,2,3-cd)pyrene	18.65	276	631121	36.52	ng	#	88
87) Benzo(b)fluoranthene	16.24	252	558334	40.47	ng	#	89
88) Benzo(k)fluoranthene	16.29	252	541153	38.52	ng	#	85
89) Benzo(a)pyrene	16.71	252	517413	39.49	ng	#	87
90) Dibenzo(a,h)anthracene	18.68	278	519155	38.72	ng	#	81
91) Benzo(g,h,i)perylene	19.21	276	514047	37.97	ng	#	77

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

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