Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083127.D
Acq On : 21 Nov 2015 22:59
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:01:29 PM

Quant Time: Nov 22 09:38:55 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	189385	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	706711	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	364084	20.00	ng		-0.01
63) Phenanthrene-d10	11.16	188	691033	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	592851	20.00	ng		-0.01
86) Perylene-d12	15.15	264	506625	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1000057	79.83	ng		-0.02
7) Phenol-d6	6.33	99	1318287	81.34	ng		-0.01
23) Nitrobenzene-d5	7.23	82	1268022	81.99	ng		0.00
41) 2,4,6-Tribromophenol	10.48	330	276897	74.34	ng		-0.01
44) 2-Fluorobiphenyl	9.03	172	2005231	76.80	ng		0.00
78) Terphenyl-d14	12.75	244	1903286	75.60	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	217269	35.01	ng		93
3) Pyridine	2.89	79	727071	44.36	ng		99
4) n-Nitrosodimethylamine	2.76	42	330133	43.67	ng		98
6) Aniline	6.33	93	900217	45.45	ng	#	82
8) 2-Chlorophenol	6.44	128	541605	40.02	ng		99
9) Benzaldehyde	6.20	77	329379	40.77	ng		96
10) Phenol	6.34	94	795717	40.58	ng	#	78
11) bis(2-Chloroethyl)ether	6.40	93	585630	41.83	ng		94
12) 1,3-Dichlorobenzene	6.59	146	611429	39.57	ng		94
13) 1,4-Dichlorobenzene	6.67	146	619383	39.62	ng		95
14) 1,2-Dichlorobenzene	6.83	146	519906	36.59	ng		95
15) Benzyl Alcohol	6.82	79	507718	37.49	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.95	45	884572	40.52	ng		98
17) 2-Methylphenol	6.95	107	464477	41.48	ng		94
18) Hexachloroethane	7.16	117	210325	38.20	ng	#	84
19) n-Nitroso-di-n-propylamine	7.10	70	468916	41.57	ng	#	93
20) 3+4-Methylphenols	7.11	107	593063	41.89	ng		98
22) Acetophenone	7.08	105	822432	40.54	ng	#	98
24) Nitrobenzene	7.24	77	627298	37.96	ng		97
25) Isophorone	7.51	82	1206796	41.21	ng		97
26) 2-Nitrophenol	7.56	139	278035	38.11	ng	#	85
27) 2,4-Dimethylphenol	7.62	122	452829	38.89	ng		98
28) bis(2-Chloroethoxy)methane	7.71	93	720640	42.33	ng		99
29) 2,4-Dichlorophenol	7.82	162	455342	41.12	ng		97
30) 1,2,4-Trichlorobenzene	7.88	180	474331	38.99	ng		96
31) Naphthalene	7.96	128	1480034	38.80	ng		98
32) Benzoic acid	7.78	122	402690	44.49	ng		96
33) 4-Chloroaniline	8.03	127	638748	43.16	ng	#	87
34) Hexachlorobutadiene	8.09	225	294382	40.95	ng		99
35) Caprolactam	8.44	113	143642	40.47	ng	#	70
36) 4-Chloro-3-methylphenol	8.52	107	475800	37.09	ng		86
37) 2-Methylnaphthalene	8.66	142	999233	40.37	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	447994	37.96	ng		99
40) Hexachlorocyclopentadiene	8.81	237	251172	37.43	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	341148	40.37	ng		99
43) 2,4,5-Trichlorophenol	8.99	196	339707	39.31	ng		99
45) 1,1'-Biphenyl	9.12	154	1162785	37.52	ng		97
46) 2-Chloronaphthalene	9.14	162	923750	37.95	ng		93
47) 2-Nitroaniline	9.24	65	348759	40.51	ng		97
48) Acenaphthylene	9.55	152	1419854	37.64	ng		99
49) Dimethylphthalate	9.44	163	1135148	40.50	ng		100
50) 2,6-Dinitrotoluene	9.50	165	255404	40.61	ng	#	59
51) Acenaphthene	9.72	154	939386	40.92	ng		99
52) 3-Nitroaniline	9.67	138	297681	44.39	ng		94
53) 2,4-Dinitrophenol	9.76	184	146392	40.40	ng	#	82
54) Dibenzofuran	9.90	168	1192836	36.75	ng		95
55) 4-Nitrophenol	9.85	139	207884	40.43	ng	#	73
56) 2,4-Dinitrotoluene	9.90	165	321390	40.33	ng	#	79
57) Fluorene	10.24	166	1010528	37.67	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	272753	38.48	ng		99
59) Diethylphthalate	10.14	149	1104265	39.58	ng		100
60) 4-Chlorophenyl-phenylether	10.24	204	485703	39.53	ng	#	84
61) 4-Nitroaniline	10.28	138	289327	43.82	ng		95
62) Azobenzene	10.40	77	1294724	40.66	ng		88
64) 4,6-Dinitro-2-methylphenol	10.30	198	197267	41.43	ng		77
65) n-Nitrosodiphenylamine	10.35	169	879808	37.43	ng		100
66) 4-Bromophenyl-phenylether	10.72	248	290899	37.94	ng	#	82
67) Hexachlorobenzene	10.79	284	335291	39.70	ng	#	82
68) Atrazine	10.89	200	266456	39.04	ng		97
69) Pentachlorophenol	10.98	266	220196	40.03	ng		97
70) Phenanthrene	11.19	178	1509951	37.93	ng		99
71) Anthracene	11.24	178	1580747	38.92	ng		99
72) Carbazole	11.40	167	1351491	37.43	ng		99
73) Di-n-butylphthalate	11.75	149	1700429	38.59	ng		100
74) Fluoranthene	12.38	202	1642227	40.30	ng		95
76) Benzidine	12.50	184	738440	47.52	ng		100
77) Pyrene	12.59	202	1592585	39.32	ng		99
79) Butylbenzylphthalate	13.23	149	743066	38.76	ng		96
80) Benzo(a)anthracene	13.78	228	1456519	39.72	ng		100
81) 3,3'-Dichlorobenzidine	13.76	252	519082	40.68	ng		98
82) Chrysene	13.82	228	1274166	37.47	ng		99
83) Bis(2-ethylhexyl)phthalate	13.79	149	1009152	40.31	ng		99
84) Di-n-octyl phthalate	14.41	149	1754687	40.71	ng		99
85) Indeno(1,2,3-cd)pyrene	16.42	276	1196733	38.69	ng		98
87) Benzo(b)fluoranthene	14.79	252	1330591m	38.44	ng		
88) Benzo(k)fluoranthene	14.81	252	1022474m	39.64	ng		
89) Benzo(a)pyrene	15.11	252	1113471	38.96	ng		99
90) Dibenzo(a,h)anthracene	16.43	278	1005085	38.71	ng		98
91) Benzo(g,h,i)perylene	16.80	276	965396	38.09	ng		97

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

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