Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
Data File : BF078079.D
Acq On : 28 Mar 2015 13:37
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
3/30/2015 6:31:26 PM

Quant Time: Mar 30 02:31:00 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 30 00:50:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	66764	20.00	ng		0.00
21) Naphthalene-d8	8.65	136	267171	20.00	ng		0.00
38) Acenaphthene-d10	10.82	164	137403	20.00	ng		0.00
63) Phenanthrene-d10	12.65	188	270616	20.00	ng		0.00
75) Chrysene-d12	15.93	240	301558	20.00	ng		0.00
86) Perylene-d12	17.60	264	297882	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	303526	79.36	ng		0.00
7) Phenol-d6	6.67	99	384692	81.40	ng		0.00
23) Nitrobenzene-d5	7.78	82	346256	84.96	ng		0.00
41) 2,4,6-Tribromophenol	11.80	330	103435	78.68	ng		0.00
44) 2-Fluorobiphenyl	10.00	172	668373	71.49	ng		0.00
78) Terphenyl-d14	14.65	244	855697	69.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	63355	36.48	ng	#	100
3) Pyridine	2.57	79	190595	40.85	ng		93
4) n-Nitrosodimethylamine	2.52	42	71269	35.08	ng		96
6) Aniline	6.67	93	262723	38.87	ng		93
8) 2-Chlorophenol	6.81	128	177472	38.98	ng		97
9) Benzaldehyde	6.52	77	99334	51.31	ng		95
10) Phenol	6.68	94	231365	41.42	ng	#	74
11) bis(2-Chloroethyl)ether	6.77	93	165717	39.61	ng		95
12) 1,3-Dichlorobenzene	6.99	146	194174	38.35	ng	#	94
13) 1,4-Dichlorobenzene	7.09	146	198761	37.78	ng		95
14) 1,2-Dichlorobenzene	7.28	146	182139	37.76	ng		95
15) Benzyl Alcohol	7.26	79	141417	38.34	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.45	45	220953	39.19	ng		99
17) 2-Methylphenol	7.42	107	145415	39.23	ng		96
18) Hexachloroethane	7.70	117	69740	40.41	ng	#	80
19) n-Nitroso-di-n-propylamine	7.61	70	134158	41.04	ng	#	90
20) 3+4-Methylphenols	7.62	107	195654	40.23	ng		93
22) Acetophenone	7.58	105	238823	40.38	ng	#	99
24) Nitrobenzene	7.80	77	179251	40.82	ng	#	77
25) Isophorone	8.10	82	346528	42.10	ng		98
26) 2-Nitrophenol	8.19	139	93808	43.64	ng		99
27) 2,4-Dimethylphenol	8.27	122	164945	42.12	ng		98
28) bis(2-Chloroethoxy)methane	8.38	93	210005	42.03	ng		97
29) 2,4-Dichlorophenol	8.50	162	146405	39.22	ng		92
30) 1,2,4-Trichlorobenzene	8.59	180	164763	39.45	ng		99
31) Naphthalene	8.68	128	544531	39.68	ng		100
32) Benzoic acid	8.41	122	86675	40.21	ng		96
33) 4-Chloroaniline	8.76	127	226438	40.66	ng	#	95
34) Hexachlorobutadiene	8.83	225	94810	40.05	ng		98
35) Caprolactam	9.21	113	47843	43.85	ng		96
36) 4-Chloro-3-methylphenol	9.38	107	151055	40.22	ng		85
37) 2-Methylnaphthalene	9.54	142	362075	39.28	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.74	216	157353	38.40	ng	#	100
40) Hexachlorocyclopentadiene	9.72	237	67738	34.88	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.89	196	108280	38.14	ng		97
43) 2,4,5-Trichlorophenol	9.95	196	119078	38.83	ng		99
45) 1,1'-Biphenyl	10.12	154	429127	39.07	ng		98
46) 2-Chloronaphthalene	10.13	162	335615	37.60	ng	#	92
47) 2-Nitroaniline	10.27	65	90567	40.85	ng		85
48) Acenaphthylene	10.65	152	584717	39.39	ng		99
49) Dimethylphthalate	10.51	163	383089	37.59	ng		100
50) 2,6-Dinitrotoluene	10.59	165	89562	42.40	ng	#	68
51) Acenaphthene	10.86	154	328215	38.56	ng		99
52) 3-Nitroaniline	10.78	138	94133	38.37	ng	#	76
53) 2,4-Dinitrophenol	10.92	184	25053	37.09	ng	#	77
54) Dibenzofuran	11.07	168	462537	36.64	ng		93
55) 4-Nitrophenol	11.02	139	69736	38.37	ng		91
56) 2,4-Dinitrotoluene	11.08	165	122738	44.56	ng	#	63
57) Fluorene	11.49	166	392397	37.44	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.23	232	89484	37.89	ng	#	100
59) Diethylphthalate	11.39	149	389841	39.26	ng		100
60) 4-Chlorophenyl-phenylether	11.50	204	173791	36.33	ng	#	87
61) 4-Nitroaniline	11.54	138	104503	42.74	ng		78
62) Azobenzene	11.70	77	364129	38.37	ng		92
64) 4,6-Dinitro-2-methylphenol	11.58	198	46372	37.34	ng	#	66
65) n-Nitrosodiphenylamine	11.66	169	346407	38.44	ng		98
66) 4-Bromophenyl-phenylether	12.11	248	110432	38.24	ng	#	89
67) Hexachlorobenzene	12.17	284	118919	37.47	ng	#	92
68) Atrazine	12.34	200	96464	38.20	ng		98
69) Pentachlorophenol	12.42	266	48361	31.06	ng		96
70) Phenanthrene	12.68	178	594391	38.26	ng		99
71) Anthracene	12.75	178	599888	39.08	ng		99
72) Carbazole	12.96	167	571523	39.14	ng		100
73) Di-n-butylphthalate	13.41	149	653424	39.91	ng		100
74) Fluoranthene	14.16	202	690316	40.29	ng		99
76) Benzidine	14.34	184	308734	41.41	ng		98
77) Pyrene	14.43	202	694042	36.60	ng		100
79) Butylbenzylphthalate	15.27	149	293284	39.23	ng		88
80) Benzo(a)anthracene	15.92	228	669941	37.48	ng		99
81) 3,3'-Dichlorobenzidine	15.91	252	237405	40.26	ng	#	98
82) Chrysene	15.96	228	632191	39.33	ng		99
83) Bis(2-ethylhexyl)phthalate	15.99	149	441068	38.95	ng	#	98
84) Di-n-octyl phthalate	16.75	149	765051	39.51	ng		99
85) Indeno(1,2,3-cd)pyrene	18.93	276	821690	40.96	ng	#	100
87) Benzo(b)fluoranthene	17.17	252	817057	42.02	ng		100
88) Benzo(k)fluoranthene	17.21	252	533264m	35.11	ng		
89) Benzo(a)pyrene	17.54	252	633548	39.05	ng	#	96
90) Dibenzo(a,h)anthracene	18.96	278	643060	39.96	ng		97
91) Benzo(g,h,i)perylene	19.33	276	653658	39.90	ng		98

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

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