Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080180.D
Acq On : 25 Jun 2015 23:29
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
apatel
6/26/2015 2:05:53 PM

Quant Time: Jun 26 03:09:08 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 01:01:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	40616	20.00	ng		0.00
21) Naphthalene-d8	8.58	136	164563	20.00	ng		0.00
38) Acenaphthene-d10	10.36	164	88411	20.00	ng		0.00
63) Phenanthrene-d10	11.86	188	189156	20.00	ng		0.00
75) Chrysene-d12	14.81	240	194326	20.00	ng		-0.01
86) Perylene-d12	16.68	264	182116	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	195347	85.14	ng		0.00
7) Phenol-d6	6.89	99	249705	81.78	ng		-0.01
23) Nitrobenzene-d5	7.85	82	250070	88.47	ng		0.00
41) 2,4,6-Tribromophenol	11.16	330	73083	84.54	ng		0.00
44) 2-Fluorobiphenyl	9.66	172	450540	72.67	ng		-0.01
78) Terphenyl-d14	13.54	244	653656	78.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	43178m	39.59	ng		
3) Pyridine	3.96	79	127136	43.83	ng	#	80
4) n-Nitrosodimethylamine	3.88	42	52928	38.40	ng		88
6) Aniline	6.95	93	187051	44.53	ng		94
8) 2-Chlorophenol	7.08	128	114333	43.11	ng		89
9) Benzaldehyde	6.84	77	60968	34.59	ng	#	68
10) Phenol	6.92	94	130591	39.19	ng		87
11) bis(2-Chloroethyl)ether	7.02	93	100518	38.02	ng		84
12) 1,3-Dichlorobenzene	7.24	146	127434m	40.00	ng		
13) 1,4-Dichlorobenzene	7.32	146	142031	46.88	ng		96
14) 1,2-Dichlorobenzene	7.48	146	121399	41.18	ng		98
15) Benzyl Alcohol	7.42	79	99286	39.77	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	7.57	45	180358	45.96	ng		85
17) 2-Methylphenol	7.53	107	88214	38.94	ng	#	91
18) Hexachloroethane	7.82	117	46283	45.88	ng	#	85
19) n-Nitroso-di-n-propylamine	7.69	70	91757	43.29	ng	#	76
20) 3+4-Methylphenols	7.68	107	126487	43.27	ng		92
22) Acetophenone	7.69	105	152897	39.87	ng	#	80
24) Nitrobenzene	7.88	77	123364	42.28	ng	#	77
25) Isophorone	8.10	82	217534	38.24	ng	#	83
26) 2-Nitrophenol	8.20	139	60643	49.66	ng	#	76
27) 2,4-Dimethylphenol	8.22	122	110216	43.28	ng	#	84
28) bis(2-Chloroethoxy)methane	8.31	93	129590	38.77	ng	#	91
29) 2,4-Dichlorophenol	8.44	162	98610	45.22	ng		98
30) 1,2,4-Trichlorobenzene	8.53	180	116105	46.88	ng		99
31) Naphthalene	8.61	128	340591m	39.59	ng		
32) Benzoic acid	8.29	122	44043	28.61	ng	#	65
33) 4-Chloroaniline	8.64	127	132993m	36.12	ng		
34) Hexachlorobutadiene	8.73	225	65326	42.84	ng		99
35) Caprolactam	8.98	113	28895	40.82	ng	#	79
36) 4-Chloro-3-methylphenol	9.12	107	94828	38.55	ng		97
37) 2-Methylnaphthalene	9.30	142	248968	44.73	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	114869	44.65	ng		98
40) Hexachlorocyclopentadiene	9.46	237	50660	41.52	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	78713	44.96	ng		100
43) 2,4,5-Trichlorophenol	9.61	196	78620	38.98	ng	#	91
45) 1,1'-Biphenyl	9.77	154	273938	38.08	ng		95
46) 2-Chloronaphthalene	9.80	162	233969	40.09	ng		94
47) 2-Nitroaniline	9.88	65	61585	38.44	ng	#	58
48) Acenaphthylene	10.22	152	402942	41.36	ng		97
49) Dimethylphthalate	10.06	163	273934	41.21	ng	#	97
50) 2,6-Dinitrotoluene	10.12	165	52641	39.50	ng	#	43
51) Acenaphthene	10.39	154	234840	39.41	ng		91
52) 3-Nitroaniline	10.29	138	62813	40.86	ng	#	46
53) 2,4-Dinitrophenol	10.40	184	23811	46.53	ng	#	1
54) Dibenzofuran	10.56	168	321090	37.97	ng	#	88
55) 4-Nitrophenol	10.44	139	55025	44.78	ng	#	63
56) 2,4-Dinitrotoluene	10.53	165	79978	47.30	ng	#	86
57) Fluorene	10.92	166	276385	41.19	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.68	232	65841	38.67	ng		98
59) Diethylphthalate	10.76	149	259432	38.76	ng		96
60) 4-Chlorophenyl-phenylether	10.89	204	125062	38.78	ng	#	86
61) 4-Nitroaniline	10.90	138	63441	39.95	ng	#	47
62) Azobenzene	11.05	77	266041	39.05	ng		86
64) 4,6-Dinitro-2-methylphenol	10.94	198	36512	40.72	ng		81
65) n-Nitrosodiphenylamine	11.01	169	228265	37.06	ng		91
66) 4-Bromophenyl-phenylether	11.40	248	79006	39.28	ng	#	85
67) Hexachlorobenzene	11.48	284	85089	38.07	ng	#	79
68) Atrazine	11.53	200	78939	40.56	ng		84
69) Pentachlorophenol	11.66	266	46341	36.58	ng		99
70) Phenanthrene	11.89	178	419415	36.62	ng		97
71) Anthracene	11.94	178	435573	39.50	ng		98
72) Carbazole	12.09	167	408761	38.83	ng		97
73) Di-n-butylphthalate	12.42	149	449875	36.99	ng	#	98
74) Fluoranthene	13.14	202	463941	38.04	ng		90
76) Benzidine	13.26	184	249160	45.87	ng		98
77) Pyrene	13.40	202	468557	39.16	ng		96
79) Butylbenzylphthalate	14.09	149	197427	41.09	ng	#	96
80) Benzo(a)anthracene	14.80	228	458177	38.70	ng		96
81) 3,3'-Dichlorobenzidine	14.75	252	157517	38.58	ng	#	95
82) Chrysene	14.85	228	428217	39.23	ng		95
83) Bis(2-ethylhexyl)phthalate	14.78	149	293390	38.64	ng	#	95
84) Di-n-octyl phthalate	15.58	149	467785	35.95	ng		95
85) Indeno(1,2,3-cd)pyrene	18.52	276	494779	35.94	ng	#	89
87) Benzo(b)fluoranthene	16.14	252	459436	41.67	ng	#	88
88) Benzo(k)fluoranthene	16.17	252	404480	36.02	ng	#	90
89) Benzo(a)pyrene	16.60	252	408645	39.02	ng	#	88
90) Dibenzo(a,h)anthracene	18.53	278	405052	37.79	ng	#	82
91) Benzo(g,h,i)perylene	19.07	276	406365	37.55	ng	#	77

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

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