Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
Data File : BF077828.D
Acq On : 19 Mar 2015 8:32
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
3/20/2015 1:48:47 PM

Quant Time: Mar 19 09:26:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 04:21:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	54470m	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	226111	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	113912	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	228792	20.00	ng		0.01
75) Chrysene-d12	16.05	240	254376	20.00	ng		0.02
86) Perylene-d12	17.85	264	251152	20.00	ng		0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	255625	81.92	ng		0.02
7) Phenol-d6	6.74	99	314987	81.70	ng		0.01
23) Nitrobenzene-d5	7.86	82	274330	79.53	ng		0.00
41) 2,4,6-Tribromophenol	11.89	330	86503	79.37	ng		0.01
44) 2-Fluorobiphenyl	10.09	172	574130	74.07	ng		0.00
78) Terphenyl-d14	14.75	244	721644	69.30	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	52335	36.94	ng	#	100
3) Pyridine	2.75	79	154450	40.57	ng		98
4) n-Nitrosodimethylamine	2.67	42	56972	34.37	ng		99
6) Aniline	6.75	93	216656m	39.29	ng		
8) 2-Chlorophenol	6.90	128	151088	40.68	ng		97
9) Benzaldehyde	6.61	77	75069	47.53	ng		93
10) Phenol	6.76	94	194101	42.59	ng		84
11) bis(2-Chloroethyl)ether	6.85	93	130090	38.11	ng		90
12) 1,3-Dichlorobenzene	7.08	146	162546m	39.35	ng		
13) 1,4-Dichlorobenzene	7.18	146	173807m	40.49	ng		
14) 1,2-Dichlorobenzene	7.37	146	159200	40.45	ng		95
15) Benzyl Alcohol	7.36	79	124444	41.35	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.53	45	184239	40.05	ng		96
17) 2-Methylphenol	7.50	107	119742	39.60	ng		96
18) Hexachloroethane	7.78	117	54352	38.61	ng	#	86
19) n-Nitroso-di-n-propylamine	7.69	70	104419	39.15	ng		99
20) 3+4-Methylphenols	7.70	107	161499	40.70	ng		94
22) Acetophenone	7.68	105	202467	40.45	ng	#	96
24) Nitrobenzene	7.88	77	150078	40.39	ng		96
25) Isophorone	8.19	82	272001	39.05	ng		97
26) 2-Nitrophenol	8.28	139	73825	40.58	ng	#	90
27) 2,4-Dimethylphenol	8.35	122	134504	40.58	ng		98
28) bis(2-Chloroethoxy)methane	8.46	93	168742	39.91	ng		99
29) 2,4-Dichlorophenol	8.58	162	123759	39.17	ng		95
30) 1,2,4-Trichlorobenzene	8.67	180	136095	38.50	ng		94
31) Naphthalene	8.77	128	456162	39.28	ng		99
32) Benzoic acid	8.48	122	80158	43.66	ng		97
33) 4-Chloroaniline	8.85	127	185120	39.28	ng		98
34) Hexachlorobutadiene	8.92	225	78426	39.14	ng		96
35) Caprolactam	9.29	113	36519	39.55	ng		88
36) 4-Chloro-3-methylphenol	9.47	107	127420	40.08	ng		97
37) 2-Methylnaphthalene	9.63	142	309954	39.73	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	128467	37.81	ng	#	100
40) Hexachlorocyclopentadiene	9.81	237	33887	22.30	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.98	196	95301	40.49	ng		98
43) 2,4,5-Trichlorophenol	10.03	196	101758	40.02	ng	#	90
45) 1,1'-Biphenyl	10.21	154	357169	39.22	ng		99
46) 2-Chloronaphthalene	10.22	162	284179	38.40	ng	#	93
47) 2-Nitroaniline	10.36	65	76593	41.67	ng		90
48) Acenaphthylene	10.74	152	492634	40.03	ng		100
49) Dimethylphthalate	10.60	163	324581	38.42	ng		99
50) 2,6-Dinitrotoluene	10.67	165	69221	39.52	ng		92
51) Acenaphthene	10.96	154	281719	39.93	ng		98
52) 3-Nitroaniline	10.88	138	87082	42.82	ng		86
53) 2,4-Dinitrophenol	11.01	184	12201	25.11	ng	#	71
54) Dibenzofuran	11.17	168	406314	38.83	ng		99
55) 4-Nitrophenol	11.10	139	58614	38.90	ng	#	81
56) 2,4-Dinitrotoluene	11.17	165	93920	41.13	ng	#	66
57) Fluorene	11.60	166	344984	39.70	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	79585	40.65	ng	#	100
59) Diethylphthalate	11.48	149	318909	38.74	ng		98
60) 4-Chlorophenyl-phenylether	11.61	204	145609	36.72	ng		93
61) 4-Nitroaniline	11.63	138	86206	42.53	ng		81
62) Azobenzene	11.80	77	348028	44.23	ng		96
64) 4,6-Dinitro-2-methylphenol	11.68	198	22705	23.43	ng	#	68
65) n-Nitrosodiphenylamine	11.76	169	293496	38.53	ng		98
66) 4-Bromophenyl-phenylether	12.21	248	93054	38.11	ng		95
67) Hexachlorobenzene	12.27	284	100568	37.49	ng		96
68) Atrazine	12.43	200	80316	37.62	ng		96
69) Pentachlorophenol	12.52	266	51777	38.51	ng		99
70) Phenanthrene	12.79	178	515399	39.24	ng		99
71) Anthracene	12.84	178	499922	38.53	ng		99
72) Carbazole	13.06	167	495064	40.11	ng		99
73) Di-n-butylphthalate	13.51	149	534134	38.59	ng		99
74) Fluoranthene	14.26	202	569285	39.30	ng		97
76) Benzidine	14.44	184	273692	43.54	ng		99
77) Pyrene	14.53	202	581501	36.35	ng		99
79) Butylbenzylphthalate	15.37	149	248441	39.39	ng	#	81
80) Benzo(a)anthracene	16.04	228	573898	38.06	ng		99
81) 3,3'-Dichlorobenzidine	16.02	252	207518	41.72	ng	#	97
82) Chrysene	16.09	228	544326	40.15	ng		99
83) Bis(2-ethylhexyl)phthalate	16.11	149	363194	38.02	ng		98
84) Di-n-octyl phthalate	16.93	149	645734	39.53	ng		99
85) Indeno(1,2,3-cd)pyrene	19.28	276	651606	38.50	ng	#	100
87) Benzo(b)fluoranthene	17.39	252	566390	34.54	ng	#	96
88) Benzo(k)fluoranthene	17.43	252	566569m	44.24	ng		
89) Benzo(a)pyrene	17.79	252	544249	39.78	ng		100
90) Dibenzo(a,h)anthracene	19.30	278	536463	39.54	ng		97
91) Benzo(g,h,i)perylene	19.69	276	532256	38.53	ng		98

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

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