Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\
Data File : BF093413.D
Acq On : 7 Mar 2017 11:57
Operator : SJ/MA
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
mohammad
3/8/2017 1:45:22 PM

Quant Time: Mar 07 13:21:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 13:09:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	194811	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	784620	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	432870	20.00	ng		0.00
63) Phenanthrene-d10	11.28	188	671376	20.00	ng		0.00
75) Chrysene-d12	13.92	240	577066	20.00	ng		0.00
86) Perylene-d12	15.33	264	509090	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	644729	56.78	ng		0.00
7) Phenol-d6	6.41	99	761213	52.10	ng		0.00
23) Nitrobenzene-d5	7.34	82	751021	53.30	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	148633	47.47	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	1232650	51.59	ng		0.00
78) Terphenyl-d14	12.87	244	1227315	49.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	163733	26.69	ng		91
3) Pyridine	2.98	79	381243	24.44	ng		90
4) n-Nitrosodimethylamine	2.93	42	202455	27.64	ng	#	83
6) Aniline	6.42	93	531629	26.68	ng	#	73
8) 2-Chlorophenol	6.55	128	343045	27.38	ng		99
9) Benzaldehyde	6.31	77	266616	25.47	ng		92
10) Phenol	6.42	94	469750	27.48	ng	#	77
11) bis(2-Chloroethyl)ether	6.50	93	374189	27.43	ng		97
12) 1,3-Dichlorobenzene	6.70	146	389987m	26.58	ng		
13) 1,4-Dichlorobenzene	6.78	146	415448	27.98	ng		96
14) 1,2-Dichlorobenzene	6.94	146	364622	25.68	ng		94
15) Benzyl Alcohol	6.92	79	271250	25.08	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	667687	28.17	ng	#	41
17) 2-Methylphenol	7.04	107	290641	27.04	ng		94
18) Hexachloroethane	7.27	117	134563	26.54	ng		93
19) n-Nitroso-di-n-propylamine	7.19	70	268075	28.82	ng	#	97
20) 3+4-Methylphenols	7.20	107	391106	30.44	ng	#	75
22) Acetophenone	7.18	105	500483	27.94	ng	#	95
24) Nitrobenzene	7.36	77	414049	28.62	ng	#	88
25) Isophorone	7.60	82	719067	27.39	ng		99
26) 2-Nitrophenol	7.68	139	180266	26.21	ng	#	84
27) 2,4-Dimethylphenol	7.73	122	309547	25.63	ng		93
28) bis(2-Chloroethoxy)methane	7.81	93	448742	25.81	ng		99
29) 2,4-Dichlorophenol	7.92	162	290312	25.77	ng	#	87
30) 1,2,4-Trichlorobenzene	8.00	180	306806	25.27	ng		98
31) Naphthalene	8.07	128	969596	24.38	ng		99
32) Benzoic acid	7.86	122	137599	22.46	ng		97
33) 4-Chloroaniline	8.14	127	409576	26.26	ng		97
34) Hexachlorobutadiene	8.18	225	154395	23.12	ng		99
35) Caprolactam	8.50	113	92929	26.23	ng	#	31
36) 4-Chloro-3-methylphenol	8.63	107	311081	26.49	ng		94
37) 2-Methylnaphthalene	8.77	142	688418	26.96	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	291422	23.98	ng		100
40) Hexachlorocyclopentadiene	8.92	237	37945	6.92	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	190695	23.88	ng		92
43) 2,4,5-Trichlorophenol	9.10	196	210816	24.10	ng		95
45) 1,1'-Biphenyl	9.22	154	771826	24.62	ng		96
46) 2-Chloronaphthalene	9.26	162	617975	25.20	ng		96
47) 2-Nitroaniline	9.36	65	236743	28.72	ng		95
48) Acenaphthylene	9.67	152	1034444	24.42	ng		97
49) Dimethylphthalate	9.53	163	725045	24.87	ng		99
50) 2,6-Dinitrotoluene	9.60	165	169908	26.98	ng	#	81
51) Acenaphthene	9.83	154	578552	22.84	ng		96
52) 3-Nitroaniline	9.77	138	206205	28.62	ng		93
53) 2,4-Dinitrophenol	9.90	184	69692	24.79	ng	#	78
54) Dibenzofuran	10.01	168	777915	22.97	ng	#	89
55) 4-Nitrophenol	9.96	139	95429m	18.39	ng		
56) 2,4-Dinitrotoluene	10.01	165	214325	25.57	ng		91
57) Fluorene	10.34	166	649228	24.91	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	144806	24.81	ng		94
59) Diethylphthalate	10.23	149	699794	25.47	ng		94
60) 4-Chlorophenyl-phenylether	10.34	204	316259	25.26	ng	#	77
61) 4-Nitroaniline	10.39	138	195487	26.49	ng		82
62) Azobenzene	10.50	77	829198	29.21	ng		92
64) 4,6-Dinitro-2-methylphenol	10.42	198	111449	32.08	ng	#	74
65) n-Nitrosodiphenylamine	10.46	169	559000	26.06	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	172490	24.59	ng		92
67) Hexachlorobenzene	10.89	284	172236	24.85	ng	#	67
68) Atrazine	11.00	200	186315	27.07	ng		91
69) Pentachlorophenol	11.11	266	57500	19.21	ng		92
70) Phenanthrene	11.30	178	970502	25.23	ng		99
71) Anthracene	11.36	178	1064206	27.55	ng		98
72) Carbazole	11.52	167	991255	26.85	ng		99
73) Di-n-butylphthalate	11.84	149	1029485	25.78	ng		98
74) Fluoranthene	12.49	202	961827	24.24	ng		97
76) Benzidine	12.62	184	525357	21.36	ng		99
77) Pyrene	12.72	202	986492	22.84	ng		99
79) Butylbenzylphthalate	13.34	149	476470	27.17	ng		88
80) Benzo(a)anthracene	13.91	228	852336	24.15	ng		100
81) 3,3'-Dichlorobenzidine	13.88	252	330463	26.27	ng	#	97
82) Chrysene	13.95	228	818447	24.77	ng		99
83) Bis(2-ethylhexyl)phthalate	13.90	149	652847	27.22	ng	#	96
84) Di-n-octyl phthalate	14.51	149	1071843	27.44	ng		97
85) Indeno(1,2,3-cd)pyrene	16.70	276	645484	25.22	ng	#	94
87) Benzo(b)fluoranthene	14.93	252	748997m	22.35	ng		
88) Benzo(k)fluoranthene	14.96	252	803904m	27.79	ng		
89) Benzo(a)pyrene	15.27	252	734810	25.35	ng		98
90) Dibenzo(a,h)anthracene	16.70	278	552690	23.59	ng		99
91) Benzo(g,h,i)perylene	17.10	276	551171	23.29	ng	#	92

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

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