Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
Data File : BF093110.D
Acq On : 23 Feb 2017 17:57
Operator : SJ/MA
Sample : I1952-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

Manual Integrations APPROVED
mohammad
2/24/2017 2:11:07 PM

Quant Time: Feb 24 00:12:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	154990	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	624833	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	298532	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	539143	20.00	ng		-0.02
75) Chrysene-d12	14.00	240	429178	20.00	ng		-0.02
86) Perylene-d12	15.43	264	366350	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1220982	135.15	ng		0.00
7) Phenol-d6	6.49	99	1477527	127.11	ng		0.00
23) Nitrobenzene-d5	7.41	82	893653	79.65	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	285014	132.00	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1681652	102.05	ng		-0.01
78) Terphenyl-d14	12.95	244	1320545	72.30	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	180697	37.02	ng	#	85
3) Pyridine	3.17	79	491556	39.60	ng		87
4) n-Nitrosodimethylamine	3.14	42	233667	40.09	ng		89
6) Aniline	6.50	93	445464	28.09	ng	#	64
8) 2-Chlorophenol	6.62	128	431743	43.32	ng		94
9) Benzaldehyde	6.38	77	201438	24.19	ng		95
10) Phenol	6.50	94	664194	48.84	ng		88
11) bis(2-Chloroethyl)ether	6.58	93	425598	39.21	ng		92
12) 1,3-Dichlorobenzene	6.78	146	477402	40.90	ng		96
13) 1,4-Dichlorobenzene	6.85	146	474249	40.14	ng		100
14) 1,2-Dichlorobenzene	7.01	146	471363	41.72	ng		97
15) Benzyl Alcohol	6.99	79	352420	40.95	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	778839	41.30	ng		94
17) 2-Methylphenol	7.10	107	353564	41.35	ng		98
18) Hexachloroethane	7.36	117	166524	41.29	ng		96
19) n-Nitroso-di-n-propylamine	7.26	70	303475	41.01	ng		98
20) 3+4-Methylphenols	7.26	107	422472	41.33	ng		97
22) Acetophenone	7.25	105	580613	40.70	ng	#	96
24) Nitrobenzene	7.44	77	506157	43.93	ng	#	87
25) Isophorone	7.68	82	888241	42.48	ng		99
26) 2-Nitrophenol	7.74	139	230610	42.11	ng		93
27) 2,4-Dimethylphenol	7.79	122	401852	41.78	ng		97
28) bis(2-Chloroethoxy)methane	7.88	93	546909	39.50	ng		98
29) 2,4-Dichlorophenol	8.00	162	381238	42.50	ng		96
30) 1,2,4-Trichlorobenzene	8.08	180	395368	40.90	ng		99
31) Naphthalene	8.16	128	1243162	39.25	ng		98
32) Benzoic acid	7.93	122	3000m	7.63	ng		
33) 4-Chloroaniline	8.20	127	269105	21.66	ng		97
34) Hexachlorobutadiene	8.27	225	209792	39.44	ng		98
35) Caprolactam	8.58	113	122032m	43.25	ng		
36) 4-Chloro-3-methylphenol	8.69	107	381818	40.83	ng		99
37) 2-Methylnaphthalene	8.84	142	853653	41.98	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	354933	42.35	ng		99
40) Hexachlorocyclopentadiene	8.99	237	290158	76.74	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	255254	46.36	ng		96
43) 2,4,5-Trichlorophenol	9.16	196	257052	42.61	ng		96
45) 1,1'-Biphenyl	9.30	154	951802	44.03	ng		95
46) 2-Chloronaphthalene	9.33	162	820909	48.54	ng		95
47) 2-Nitroaniline	9.42	65	255815	44.99	ng		91
48) Acenaphthylene	9.74	152	1261369	43.18	ng		99
49) Dimethylphthalate	9.61	163	1061247	52.78	ng		99
50) 2,6-Dinitrotoluene	9.68	165	224757	51.76	ng		93
51) Acenaphthene	9.92	154	746532	42.74	ng		96
52) 3-Nitroaniline	9.84	138	155608	31.31	ng		95
53) 2,4-Dinitrophenol	9.95	184	129536	59.90	ng	#	61
54) Dibenzofuran	10.09	168	1094456	46.85	ng		94
55) 4-Nitrophenol	10.02	139	333634	93.21	ng		88
56) 2,4-Dinitrotoluene	10.08	165	236179	40.85	ng	#	92
57) Fluorene	10.43	166	844320	46.98	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.21	232	200227	49.75	ng		97
59) Diethylphthalate	10.30	149	852447	44.98	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	370124	42.87	ng		88
61) 4-Nitroaniline	10.45	138	219798	43.18	ng		94
62) Azobenzene	10.58	77	1001004	51.13	ng		96
64) 4,6-Dinitro-2-methylphenol	10.49	198	147394	45.09	ng	#	74
65) n-Nitrosodiphenylamine	10.54	169	755160	43.85	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	235714	41.85	ng	#	87
67) Hexachlorobenzene	10.98	284	230799	41.46	ng	#	91
68) Atrazine	11.07	200	232014	41.98	ng		98
69) Pentachlorophenol	11.17	266	228073	79.43	ng		97
70) Phenanthrene	11.39	178	1279008	41.41	ng		98
71) Anthracene	11.44	178	1164469	37.54	ng		99
72) Carbazole	11.60	167	1113839	37.56	ng		99
73) Di-n-butylphthalate	11.93	149	1457684	45.46	ng	#	96
74) Fluoranthene	12.57	202	1221060	38.32	ng		97
76) Benzidine	12.69	184	492090	26.91	ng		97
77) Pyrene	12.80	202	1223980	38.11	ng		99
79) Butylbenzylphthalate	13.41	149	588197	45.10	ng		99
80) Benzo(a)anthracene	13.99	228	1001744	38.16	ng		100
81) 3,3'-Dichlorobenzidine	13.95	252	268704	28.72	ng	#	97
82) Chrysene	14.03	228	1026599	41.77	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	764582	42.86	ng		99
84) Di-n-octyl phthalate	14.59	149	1394439	48.01	ng		100
85) Indeno(1,2,3-cd)pyrene	16.82	276	750726	39.44	ng	#	94
87) Benzo(b)fluoranthene	15.01	252	876859m	36.36	ng		
88) Benzo(k)fluoranthene	15.05	252	935693m	44.94	ng		
89) Benzo(a)pyrene	15.37	252	839974	40.27	ng		99
90) Dibenzo(a,h)anthracene	16.83	278	638296	37.86	ng		97
91) Benzo(g,h,i)perylene	17.24	276	624135	36.65	ng	#	93

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

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