Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
Data File : BF093111.D
Acq On : 23 Feb 2017 18:25
Operator : SJ/MA
Sample : I1952-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMSD

Manual Integrations APPROVED
mohammad
2/24/2017 2:11:10 PM

Quant Time: Feb 24 00:11:06 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	160581	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	647579	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	305954	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	541395	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	407292	20.00	ng		-0.02
86) Perylene-d12	15.43	264	321220	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1399838	149.56	ng		0.00
7) Phenol-d6	6.49	99	1672150	138.85	ng		0.00
23) Nitrobenzene-d5	7.41	82	1071293	92.12	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	323233	146.07	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1831211	108.43	ng		-0.01
78) Terphenyl-d14	12.95	244	1444860	83.35	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	210980	41.72	ng	#	85
3) Pyridine	3.18	79	507501	39.46	ng		85
4) n-Nitrosodimethylamine	3.15	42	295802	48.99	ng		86
6) Aniline	6.51	93	521741	31.76	ng	#	52
8) 2-Chlorophenol	6.62	128	487449	47.21	ng		90
9) Benzaldehyde	6.38	77	237491	27.53	ng		96
10) Phenol	6.50	94	628745	44.62	ng		95
11) bis(2-Chloroethyl)ether	6.58	93	498371	44.31	ng		91
12) 1,3-Dichlorobenzene	6.78	146	566390	46.83	ng		99
13) 1,4-Dichlorobenzene	6.85	146	568464	46.44	ng		98
14) 1,2-Dichlorobenzene	7.01	146	543429	46.43	ng		97
15) Benzyl Alcohol	6.99	79	393983	44.19	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	891444	45.62	ng		96
17) 2-Methylphenol	7.12	107	435603	49.17	ng		98
18) Hexachloroethane	7.36	117	198827	47.58	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	338081	44.10	ng		95
20) 3+4-Methylphenols	7.26	107	476684	45.01	ng		93
22) Acetophenone	7.26	105	681347	46.08	ng	#	91
24) Nitrobenzene	7.44	77	616668	51.64	ng		92
25) Isophorone	7.68	82	1037795	47.89	ng		100
26) 2-Nitrophenol	7.74	139	270004	47.57	ng		94
27) 2,4-Dimethylphenol	7.79	122	448942	45.04	ng		97
28) bis(2-Chloroethoxy)methane	7.88	93	637970	44.45	ng		99
29) 2,4-Dichlorophenol	8.00	162	452366	48.66	ng		96
30) 1,2,4-Trichlorobenzene	8.08	180	458494	45.76	ng		98
31) Naphthalene	8.16	128	1436916	43.77	ng		98
32) Benzoic acid	7.93	122	2132m	7.49	ng		
33) 4-Chloroaniline	8.20	127	290459	22.56	ng		99
34) Hexachlorobutadiene	8.27	225	243432	44.16	ng		98
35) Caprolactam	8.58	113	130143m	44.50	ng		
36) 4-Chloro-3-methylphenol	8.69	107	439137	45.30	ng		99
37) 2-Methylnaphthalene	8.84	142	980998	46.54	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	426759	49.69	ng		99
40) Hexachlorocyclopentadiene	8.99	237	351114	90.61	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	310888	55.09	ng		95
43) 2,4,5-Trichlorophenol	9.17	196	286831	46.39	ng	#	82
45) 1,1'-Biphenyl	9.31	154	1169505	52.79	ng		99
46) 2-Chloronaphthalene	9.33	162	948209	54.71	ng		97
47) 2-Nitroaniline	9.44	65	310918	53.36	ng	#	71
48) Acenaphthylene	9.74	152	1414239	47.24	ng		99
49) Dimethylphthalate	9.61	163	1227114	59.55	ng		99
50) 2,6-Dinitrotoluene	9.68	165	248861	55.92	ng		95
51) Acenaphthene	9.92	154	845011	47.21	ng		97
52) 3-Nitroaniline	9.85	138	185822	36.48	ng	#	75
53) 2,4-Dinitrophenol	9.95	184	117297	53.48	ng	#	53
54) Dibenzofuran	10.09	168	1160803	48.48	ng		97
55) 4-Nitrophenol	10.02	139	322945	88.04	ng		93
56) 2,4-Dinitrotoluene	10.08	165	267576	45.16	ng	#	89
57) Fluorene	10.43	166	928812	50.43	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.21	232	223045	54.07	ng		96
59) Diethylphthalate	10.30	149	916155	47.17	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	398802	45.07	ng		91
61) 4-Nitroaniline	10.46	138	277867	53.27	ng		89
62) Azobenzene	10.58	77	1096116	54.63	ng		97
64) 4,6-Dinitro-2-methylphenol	10.49	198	145063	44.24	ng	#	44
65) n-Nitrosodiphenylamine	10.54	169	837632	48.43	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	260020	45.97	ng		93
67) Hexachlorobenzene	10.98	284	267161	47.80	ng		97
68) Atrazine	11.07	200	233641	42.10	ng		99
69) Pentachlorophenol	11.17	266	237080	81.97	ng		98
70) Phenanthrene	11.39	178	1379277	44.47	ng		99
71) Anthracene	11.44	178	1358603	43.62	ng		99
72) Carbazole	11.60	167	1162245	39.03	ng		99
73) Di-n-butylphthalate	11.93	149	1618323	50.26	ng	#	97
74) Fluoranthene	12.58	202	1422176	44.45	ng		92
76) Benzidine	12.69	184	430457	24.80	ng		97
77) Pyrene	12.81	202	1431766	46.97	ng		98
79) Butylbenzylphthalate	13.41	149	650118	52.52	ng		96
80) Benzo(a)anthracene	13.99	228	1094048	43.92	ng		100
81) 3,3'-Dichlorobenzidine	13.95	252	278334	31.34	ng		97
82) Chrysene	14.03	228	1104651	47.36	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	824651	48.72	ng		98
84) Di-n-octyl phthalate	14.59	149	1454475	52.77	ng		100
85) Indeno(1,2,3-cd)pyrene	16.82	276	790356	43.75	ng	#	94
87) Benzo(b)fluoranthene	15.01	252	1176973m	55.67	ng		
88) Benzo(k)fluoranthene	15.05	252	659585m	36.13	ng		
89) Benzo(a)pyrene	15.37	252	844602	46.18	ng		99
90) Dibenzo(a,h)anthracene	16.83	278	659416	44.61	ng	#	95
91) Benzo(g,h,i)perylene	17.24	276	674379	45.16	ng	#	91

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

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