Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092525.D
Acq On : 26 Jan 2017 15:00
Operator : SJ/MA
Sample : I1312-02MS 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CAS-SB-01-0-2MS

Manual Integrations APPROVED
mohammad
1/27/2017 3:02:29 PM

Quant Time: Jan 27 00:44:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	140185	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	513738	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	261180	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	386456	20.00	ng		-0.01
75) Chrysene-d12	14.17	240	263209	20.00	ng		0.00
86) Perylene-d12	15.65	264	189076	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	636164	70.60	ng		0.01
7) Phenol-d6	6.59	99	795125	69.28	ng		0.00
23) Nitrobenzene-d5	7.54	82	524399	55.76	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	130192	73.15	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	713413	50.51	ng		-0.01
78) Terphenyl-d14	13.11	244	579778	58.66	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	88868	18.55	ng		85
3) Pyridine	3.39	79	227092	16.65	ng		87
4) n-Nitrosodimethylamine	3.32	42	130452	19.49	ng	#	87
6) Aniline	6.62	93	124668	7.28	ng	#	46
8) 2-Chlorophenol	6.75	128	207590	21.93	ng		91
9) Benzaldehyde	6.51	77	156392	19.20	ng		89
10) Phenol	6.60	94	269894	19.48	ng		82
11) bis(2-Chloroethyl)ether	6.70	93	245207	23.66	ng		100
12) 1,3-Dichlorobenzene	6.91	146	240931	21.53	ng	#	92
13) 1,4-Dichlorobenzene	6.99	146	248730	22.08	ng		97
14) 1,2-Dichlorobenzene	7.14	146	213625	19.99	ng		94
15) Benzyl Alcohol	7.10	79	177744	20.55	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.25	45	407656	19.88	ng		92
17) 2-Methylphenol	7.22	107	167281	20.69	ng		98
18) Hexachloroethane	7.49	117	49807	12.83	ng		91
19) n-Nitroso-di-n-propylamine	7.38	70	147280	18.84	ng	#	88
20) 3+4-Methylphenols	7.38	107	224469	22.88	ng	#	77
22) Acetophenone	7.38	105	288334	23.56	ng	#	89
24) Nitrobenzene	7.55	77	203929	20.70	ng		93
25) Isophorone	7.80	82	395735	21.35	ng		95
26) 2-Nitrophenol	7.87	139	66738	16.17	ng	#	83
27) 2,4-Dimethylphenol	7.92	122	182284	21.23	ng		93
28) bis(2-Chloroethoxy)methane	8.01	93	254671	20.93	ng		98
29) 2,4-Dichlorophenol	8.12	162	157090	21.10	ng		99
30) 1,2,4-Trichlorobenzene	8.20	180	169112	21.02	ng	#	92
31) Naphthalene	8.28	128	540465	20.55	ng		99
32) Benzoic acid	7.96	122	7726	5.78	ng		92
33) 4-Chloroaniline	8.34	127	95244	8.56	ng	#	94
34) Hexachlorobutadiene	8.41	225	98743	22.44	ng		99
35) Caprolactam	8.68	113	49119	19.76	ng	#	23
36) 4-Chloro-3-methylphenol	8.82	107	157341	19.60	ng	#	85
37) 2-Methylnaphthalene	8.98	142	365447	21.95	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	165911	25.18	ng		98
42) 2,4,6-Trichlorophenol	9.26	196	99058	19.62	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.30	196	103049	22.31	ng	#	90
45) 1,1'-Biphenyl	9.45	154	445728	23.61	ng		97
46) 2-Chloronaphthalene	9.47	162	303299	19.67	ng		95
47) 2-Nitroaniline	9.56	65	107646	20.73	ng		91
48) Acenaphthylene	9.89	152	499051	22.07	ng		97
49) Dimethylphthalate	9.74	163	442975	26.67	ng		99
50) 2,6-Dinitrotoluene	9.80	165	52688	15.52	ng	#	59
51) Acenaphthene	10.06	154	292766	20.83	ng		97
52) 3-Nitroaniline	9.97	138	86007	20.23	ng		97
54) Dibenzofuran	10.24	168	436346	22.87	ng		90
55) 4-Nitrophenol	10.12	139	104913	31.07	ng	#	86
56) 2,4-Dinitrotoluene	10.20	165	63493	14.09	ng	#	74
57) Fluorene	10.58	166	332603	23.50	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	79380	22.94	ng		97
59) Diethylphthalate	10.44	149	335390	21.06	ng		99
60) 4-Chlorophenyl-phenylether	10.57	204	145308	21.17	ng		92
61) 4-Nitroaniline	10.58	138	80217	18.86	ng		93
62) Azobenzene	10.73	77	348302	19.22	ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	1754m	5.71	ng		
65) n-Nitrosodiphenylamine	10.68	169	275211	22.80	ng		100
66) 4-Bromophenyl-phenylether	11.06	248	86425	22.15	ng		98
67) Hexachlorobenzene	11.13	284	84198	21.35	ng		98
68) Atrazine	11.21	200	78921	19.11	ng		97
69) Pentachlorophenol	11.32	266	95076	37.70	ng		95
70) Phenanthrene	11.54	178	518359	24.36	ng		98
71) Anthracene	11.60	178	497293	23.91	ng		97
72) Carbazole	11.75	167	457688	23.05	ng		98
73) Di-n-butylphthalate	12.08	149	529789	23.33	ng	#	97
74) Fluoranthene	12.73	202	559849	26.89	ng		98
76) Benzidine	12.85	184	20294	2.08	ng	#	73
77) Pyrene	12.96	202	554613	29.08	ng		99
79) Butylbenzylphthalate	13.59	149	236572m	30.62	ng		
80) Benzo(a)anthracene	14.16	228	348053	24.60	ng		100
81) 3,3'-Dichlorobenzidine	14.11	252	54495	10.15	ng	#	93
82) Chrysene	14.19	228	344734	22.82	ng		99
83) Bis(2-ethylhexyl)phthalate	14.15	149	300160	30.85	ng	#	96
84) Di-n-octyl phthalate	14.76	149	426104	24.12	ng	#	74
85) Indeno(1,2,3-cd)pyrene	17.16	276	253687	22.70	ng		96
87) Benzo(b)fluoranthene	15.22	252	307631m	25.34	ng		
88) Benzo(k)fluoranthene	15.25	252	263706m	26.13	ng		
89) Benzo(a)pyrene	15.60	252	247993	24.15	ng	#	92
90) Dibenzo(a,h)anthracene	17.17	278	200497	24.15	ng	#	90
91) Benzo(g,h,i)perylene	17.62	276	208510	24.83	ng	#	91

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

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