Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031117\
Data File : BF093575.D
Acq On : 11 Mar 2017 18:53
Operator : SJ/MA
Sample : I2215-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMSD

Manual Integrations APPROVED
mohammad
3/15/2017 5:32:26 PM

Quant Time: Mar 13 16:29:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	182341	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	734730	20.00	ng		-0.01
38) Acenaphthene-d10	9.75	164	350475	20.00	ng		-0.01
63) Phenanthrene-d10	11.24	188	629205	20.00	ng		-0.01
75) Chrysene-d12	13.88	240	433890	20.00	ng		-0.01
86) Perylene-d12	15.27	264	325091	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1047091	95.57	ng		0.00
7) Phenol-d6	6.38	99	1237857	89.60	ng		0.00
23) Nitrobenzene-d5	7.29	82	796904	60.18	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	210114	92.02	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1146562	60.85	ng		-0.01
78) Terphenyl-d14	12.83	244	1016673	60.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	157614	26.12	ng		89
3) Pyridine	2.94	79	420374m	27.32	ng		
4) n-Nitrosodimethylamine	2.88	42	238850	32.50	ng		78
6) Aniline	6.39	93	336854	17.77	ng		97
8) 2-Chlorophenol	6.50	128	377495	30.75	ng		84
9) Benzaldehyde	6.29	77	56376	4.56	ng		96
10) Phenol	6.40	94	604317	35.70	ng	#	78
11) bis(2-Chloroethyl)ether	6.46	93	397632	29.06	ng		92
12) 1,3-Dichlorobenzene	6.65	146	401229	28.56	ng	#	92
13) 1,4-Dichlorobenzene	6.73	146	413145	28.72	ng		98
14) 1,2-Dichlorobenzene	6.88	146	366091	28.74	ng		97
15) Benzyl Alcohol	6.88	79	351725	35.71	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.01	45	679389	29.89	ng		54
17) 2-Methylphenol	7.01	107	292873	28.21	ng	#	88
18) Hexachloroethane	7.22	117	139670	28.79	ng		97
19) n-Nitroso-di-n-propylamine	7.14	70	317890	33.47	ng		95
20) 3+4-Methylphenols	7.17	107	418210	31.06	ng	#	73
22) Acetophenone	7.14	105	532094	30.09	ng	#	94
24) Nitrobenzene	7.32	77	459898	30.90	ng		96
25) Isophorone	7.56	82	814449	30.50	ng		97
26) 2-Nitrophenol	7.64	139	198571	29.24	ng		92
27) 2,4-Dimethylphenol	7.68	122	336067	30.42	ng		100
28) bis(2-Chloroethoxy)methane	7.76	93	489965	29.06	ng		98
29) 2,4-Dichlorophenol	7.89	162	329843	31.74	ng		93
30) 1,2,4-Trichlorobenzene	7.94	180	309561	28.01	ng	#	94
31) Naphthalene	8.02	128	1029377	27.96	ng		99
33) 4-Chloroaniline	8.09	127	293626	19.65	ng	#	93
34) Hexachlorobutadiene	8.14	225	157178	27.61	ng		99
35) Caprolactam	8.47	113	106396	29.98	ng	#	47
36) 4-Chloro-3-methylphenol	8.60	107	344467	31.06	ng		96
37) 2-Methylnaphthalene	8.72	142	701962	29.96	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	284819	29.76	ng		98
40) Hexachlorocyclopentadiene	8.87	237	119763	54.19	ng		98
42) 2,4,6-Trichlorophenol	9.01	196	220546	36.89	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	213651	33.30	ng		91
45) 1,1'-Biphenyl	9.18	154	831589	32.57	ng		97
46) 2-Chloronaphthalene	9.20	162	630889	32.28	ng		93
47) 2-Nitroaniline	9.32	65	255965	37.05	ng	#	79
48) Acenaphthylene	9.61	152	980177	30.41	ng		99
49) Dimethylphthalate	9.49	163	908303	39.09	ng		99
50) 2,6-Dinitrotoluene	9.56	165	148311	29.09	ng	#	28
51) Acenaphthene	9.78	154	571134	29.97	ng		96
52) 3-Nitroaniline	9.74	138	143635	23.45	ng		87
53) 2,4-Dinitrophenol	9.88	184	32070	13.81	ng	#	65
54) Dibenzofuran	9.97	168	877872	36.80	ng		93
55) 4-Nitrophenol	9.93	139	150338m	50.53	ng		
56) 2,4-Dinitrotoluene	9.98	165	212576	33.94	ng	#	79
57) Fluorene	10.31	166	659965	32.65	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	168403	37.19	ng		98
59) Diethylphthalate	10.18	149	742992	33.46	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	315495	34.82	ng	#	80
61) 4-Nitroaniline	10.36	138	181730	29.01	ng		92
62) Azobenzene	10.46	77	974908	38.64	ng		95
64) 4,6-Dinitro-2-methylphenol	10.39	198	84968	20.84	ng	#	79
65) n-Nitrosodiphenylamine	10.42	169	621264	29.57	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	174181	26.18	ng	#	85
67) Hexachlorobenzene	10.86	284	169743	26.72	ng	#	92
68) Atrazine	10.95	200	167580	27.25	ng		99
69) Pentachlorophenol	11.06	266	96406	43.95	ng		96
70) Phenanthrene	11.26	178	982091	27.34	ng		99
71) Anthracene	11.32	178	1015150	27.94	ng		99
72) Carbazole	11.48	167	922179	27.02	ng		99
73) Di-n-butylphthalate	11.81	149	1100258	27.86	ng	#	96
74) Fluoranthene	12.45	202	947621	27.32	ng		96
76) Benzidine	12.59	184	216100	15.15	ng		96
77) Pyrene	12.68	202	949884	30.10	ng		99
79) Butylbenzylphthalate	13.29	149	443355	33.38	ng		94
80) Benzo(a)anthracene	13.87	228	679667	26.53	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	159259	17.75	ng	#	95
82) Chrysene	13.90	228	660323	27.85	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	591129	31.93	ng	#	97
84) Di-n-octyl phthalate	14.46	149	850975	27.58	ng		95
85) Indeno(1,2,3-cd)pyrene	16.62	276	542747	27.35	ng	#	93
87) Benzo(b)fluoranthene	14.88	252	503617m	25.44	ng		
88) Benzo(k)fluoranthene	14.91	252	533358m	27.93	ng		
89) Benzo(a)pyrene	15.23	252	495599	27.39	ng		97
90) Dibenzo(a,h)anthracene	16.62	278	454441	30.36	ng		96
91) Benzo(g,h,i)perylene	17.02	276	478918	31.17	ng	#	92

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

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