Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093295.D
Acq On : 1 Mar 2017 17:53
Operator : SJ/MA
Sample : I2002-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MS

Manual Integrations APPROVED
mohammad
3/2/2017 1:42:32 PM

Quant Time: Mar 02 00:31:39 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	6.81	152	130869	20.00	ng		-0.05
21) Naphthalene-d8	8.10	136	466423	20.00	ng		-0.05
38) Acenaphthene-d10	9.85	164	235183	20.00	ng		-0.05
63) Phenanthrene-d10	11.33	188	461435	20.00	ng		-0.05
75) Chrysene-d12	13.97	240	341580	20.00	ng		-0.05
86) Perylene-d12	15.39	264	255014	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	974696	127.78	ng		-0.03
7) Phenol-d6	6.46	99	1259027	128.28	ng		-0.02
23) Nitrobenzene-d5	7.38	82	823557	98.33	ng		-0.05
41) 2,4,6-Tribromophenol	10.65	330	221444	130.19	ng		-0.03
44) 2-Fluorobiphenyl	9.17	172	1124723	86.64	ng		-0.05
78) Terphenyl-d14	12.91	244	990309	68.12	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	159741	38.76	ng	#	83
3) Pyridine	3.09	79	449554	42.89	ng		91
4) n-Nitrosodimethylamine	3.04	42	216854	44.06	ng		82
6) Aniline	6.48	93	273940	20.46	ng	#	21
8) 2-Chlorophenol	6.60	128	349832	41.57	ng		92
9) Benzaldehyde	6.35	77	136020	19.34	ng		83
10) Phenol	6.48	94	590964	51.46	ng	#	77
11) bis(2-Chloroethyl)ether	6.54	93	338245	36.90	ng		89
12) 1,3-Dichlorobenzene	6.75	146	387228	39.29	ng		96
13) 1,4-Dichlorobenzene	6.83	146	328816	32.96	ng		96
14) 1,2-Dichlorobenzene	6.98	146	347047	36.38	ng		96
15) Benzyl Alcohol	6.97	79	260014	35.78	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	560781	35.22	ng		84
17) 2-Methylphenol	7.08	107	259836	35.99	ng		94
18) Hexachloroethane	7.32	117	139108m	40.85	ng		
19) n-Nitroso-di-n-propylamine	7.23	70	319741	51.18	ng	#	96
20) 3+4-Methylphenols	7.24	107	382393	44.30	ng	#	76
22) Acetophenone	7.23	105	491641	46.17	ng	#	96
24) Nitrobenzene	7.40	77	398285	46.31	ng		93
25) Isophorone	7.64	82	814984	52.22	ng	#	93
26) 2-Nitrophenol	7.72	139	184676	45.17	ng	#	91
27) 2,4-Dimethylphenol	7.77	122	334712	46.62	ng		94
28) bis(2-Chloroethoxy)methane	7.85	93	386641	37.40	ng	#	85
29) 2,4-Dichlorophenol	7.97	162	295540	44.13	ng		93
30) 1,2,4-Trichlorobenzene	8.04	180	265547	36.80	ng		95
31) Naphthalene	8.12	128	1008987	42.67	ng		99
32) Benzoic acid	7.87	122	39896	15.51	ng	#	4
33) 4-Chloroaniline	8.18	127	193539	20.87	ng		98
34) Hexachlorobutadiene	8.24	225	156308	39.37	ng		98
35) Caprolactam	8.52	113	229970	109.18	ng	#	1
36) 4-Chloro-3-methylphenol	8.67	107	291986	41.82	ng		98
37) 2-Methylnaphthalene	8.81	142	709338	46.72	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	245167	37.14	ng	#	98
40) Hexachlorocyclopentadiene	8.96	237	94051	31.58	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	170539	39.31	ng		92
43) 2,4,5-Trichlorophenol	9.15	196	167929	35.33	ng	#	86
45) 1,1'-Biphenyl	9.28	154	734399	43.12	ng		98
46) 2-Chloronaphthalene	9.30	162	515767	38.72	ng		95
47) 2-Nitroaniline	9.40	65	206563	46.12	ng		97
48) Acenaphthylene	9.71	152	861147	37.42	ng		100
49) Dimethylphthalate	9.57	163	622240	39.28	ng		99
50) 2,6-Dinitrotoluene	9.64	165	139688	40.83	ng	#	69
51) Acenaphthene	9.88	154	514780	37.41	ng		96
52) 3-Nitroaniline	9.81	138	113749	29.05	ng		91
53) 2,4-Dinitrophenol	9.94	184	39782	26.24	ng	#	58
54) Dibenzofuran	10.05	168	736710	40.03	ng		98
55) 4-Nitrophenol	10.00	139	159839	56.68	ng		94
56) 2,4-Dinitrotoluene	10.05	165	195425	42.91	ng	#	92
57) Fluorene	10.40	166	644055	45.49	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	142551	44.96	ng	#	93
59) Diethylphthalate	10.27	149	690015	46.22	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	271178	39.87	ng		94
61) 4-Nitroaniline	10.43	138	167985	41.89	ng		86
62) Azobenzene	10.54	77	800794	51.92	ng		97
64) 4,6-Dinitro-2-methylphenol	10.46	198	67607	25.40	ng	#	59
65) n-Nitrosodiphenylamine	10.51	169	608137	41.26	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	175974	36.50	ng		92
67) Hexachlorobenzene	10.94	284	161705	33.94	ng	#	83
68) Atrazine	11.04	200	161432	34.13	ng		98
69) Pentachlorophenol	11.15	266	118282	50.97	ng		97
70) Phenanthrene	11.36	178	918264	34.73	ng		99
71) Anthracene	11.41	178	1026616	38.67	ng		98
72) Carbazole	11.57	167	916440	36.11	ng		97
73) Di-n-butylphthalate	11.89	149	1118496	40.75	ng	#	97
74) Fluoranthene	12.55	202	914727	33.54	ng		98
76) Benzidine	12.67	184	255851	17.58	ng		97
77) Pyrene	12.77	202	929024	36.34	ng		99
79) Butylbenzylphthalate	13.39	149	433358	41.75	ng	#	81
80) Benzo(a)anthracene	13.96	228	724395	34.67	ng		100
81) 3,3'-Dichlorobenzidine	13.93	252	172247	23.13	ng	#	95
82) Chrysene	14.00	228	572411	29.26	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	535705	37.74	ng		100
84) Di-n-octyl phthalate	14.56	149	849442	36.74	ng		100
85) Indeno(1,2,3-cd)pyrene	16.80	276	603962	39.86	ng	#	93
87) Benzo(b)fluoranthene	14.99	252	604238m	36.00	ng		
88) Benzo(k)fluoranthene	15.01	252	496475m	34.26	ng		
89) Benzo(a)pyrene	15.33	252	552746	38.07	ng		96
90) Dibenzo(a,h)anthracene	16.80	278	509134	43.39	ng		98
91) Benzo(g,h,i)perylene	17.21	276	539810	45.54	ng	#	91

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

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