Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094231.D
Acq On : 6 Apr 2017 16:35
Operator : SJ/MA
Sample : I2537-06MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4-(0-5)MSD

Manual Integrations APPROVED
mohammad
4/7/2017 5:20:51 PM

Quant Time: Apr 06 17:34:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	165951	20.00	ng		0.00
21) Naphthalene-d8	7.36	136	698214	20.00	ng		0.00
38) Acenaphthene-d10	9.50	164	319154	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	546069	20.00	ng		0.00
75) Chrysene-d12	14.57	240	380177	20.00	ng		0.00
86) Perylene-d12	16.19	264	274035	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.40	112	1169210	119.00	ng		0.01
7) Phenol-d6	5.47	99	1512374	124.43	ng		0.00
23) Nitrobenzene-d5	6.50	82	943421	77.11	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	305060	120.96	ng		0.00
44) 2-Fluorobiphenyl	8.68	172	1558556	74.48	ng		0.00
78) Terphenyl-d14	13.30	244	1208897	71.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	161112	34.13	ng		97
3) Pyridine	2.73	79	388858	30.23	ng		98
4) n-Nitrosodimethylamine	2.69	42	216684	40.93	ng		91
6) Aniline	5.48	93	293567	17.36	ng	#	1
8) 2-Chlorophenol	5.62	128	478830	44.34	ng		95
9) Benzaldehyde	5.35	77	240331	29.28	ng		99
10) Phenol	5.48	94	649790	46.98	ng		99
11) bis(2-Chloroethyl)ether	5.56	93	444454	41.12	ng		98
12) 1,3-Dichlorobenzene	5.79	146	490115	40.46	ng		99
13) 1,4-Dichlorobenzene	5.87	146	502324	40.94	ng		98
14) 1,2-Dichlorobenzene	6.05	146	471603	41.74	ng		96
15) Benzyl Alcohol	6.02	79	393388	44.22	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.19	45	625753	37.57	ng		96
17) 2-Methylphenol	6.17	107	400216	43.27	ng		97
18) Hexachloroethane	6.44	117	173373	40.20	ng	#	83
19) n-Nitroso-di-n-propylamine	6.34	70	331874	42.48	ng		98
20) 3+4-Methylphenols	6.35	107	515969	46.06	ng	#	63
22) Acetophenone	6.33	105	670533	43.09	ng	#	86
24) Nitrobenzene	6.53	77	492652	40.83	ng		93
25) Isophorone	6.82	82	884280	41.13	ng		96
26) 2-Nitrophenol	6.90	139	270886	47.07	ng		97
27) 2,4-Dimethylphenol	6.97	122	438015	44.18	ng		96
28) bis(2-Chloroethoxy)methane	7.08	93	578197	40.78	ng		100
29) 2,4-Dichlorophenol	7.20	162	409948	44.22	ng		99
30) 1,2,4-Trichlorobenzene	7.29	180	391995	41.05	ng		99
31) Naphthalene	7.38	128	1341763	39.97	ng		99
32) Benzoic acid	7.12	122	158172	23.96	ng		89
33) 4-Chloroaniline	7.45	127	139635	10.26	ng	#	93
34) Hexachlorobutadiene	7.54	225	193653	39.55	ng		99
35) Caprolactam	7.89	113	131810m	44.58	ng		
36) 4-Chloro-3-methylphenol	8.07	107	439296	45.35	ng		91
37) 2-Methylnaphthalene	8.23	142	937022	41.87	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.43	216	345520	39.57	ng		99
40) Hexachlorocyclopentadiene	8.42	237	246099	60.24	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.58	196	275093	44.53	ng		97
43) 2,4,5-Trichlorophenol	8.63	196	283525	42.42	ng		96
45) 1,1'-Biphenyl	8.80	154	1037436	40.30	ng		97
46) 2-Chloronaphthalene	8.82	162	825053	40.94	ng		95
47) 2-Nitroaniline	8.95	65	256735	42.95	ng		87
48) Acenaphthylene	9.33	152	1294093	38.64	ng		99
49) Dimethylphthalate	9.19	163	1188363	52.38	ng		100
50) 2,6-Dinitrotoluene	9.26	165	224455	43.16	ng		90
51) Acenaphthene	9.54	154	768852	39.34	ng		100
52) 3-Nitroaniline	9.45	138	114631	18.77	ng		94
53) 2,4-Dinitrophenol	9.59	184	167938	61.49	ng	#	68
54) Dibenzofuran	9.76	168	1095629	41.19	ng		99
55) 4-Nitrophenol	9.70	139	354233	74.07	ng	#	71
56) 2,4-Dinitrotoluene	9.75	165	265133	40.58	ng	#	63
57) Fluorene	10.17	166	847609	38.42	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.91	232	210754	45.95	ng		98
59) Diethylphthalate	10.06	149	936635	41.77	ng		99
60) 4-Chlorophenyl-phenylether	10.18	204	363032	38.63	ng		93
61) 4-Nitroaniline	10.22	138	227946	38.90	ng		98
62) Azobenzene	10.37	77	908798	42.85	ng		97
64) 4,6-Dinitro-2-methylphenol	10.26	198	129854	38.83	ng	#	67
65) n-Nitrosodiphenylamine	10.33	169	786011	41.62	ng		98
66) 4-Bromophenyl-phenylether	10.78	248	220980	41.15	ng		99
67) Hexachlorobenzene	10.85	284	226189	41.60	ng	#	89
68) Atrazine	11.00	200	232684	41.14	ng		96
69) Pentachlorophenol	11.10	266	248566	73.46	ng		96
70) Phenanthrene	11.35	178	1205258	39.68	ng		99
71) Anthracene	11.42	178	1244298	39.78	ng		100
72) Carbazole	11.62	167	1197531	37.34	ng		99
73) Di-n-butylphthalate	12.07	149	1425698	42.74	ng		99
74) Fluoranthene	12.82	202	1189251	38.23	ng		98
76) Benzidine	12.98	184	369060	24.53	ng	#	93
77) Pyrene	13.09	202	1201601	43.55	ng		99
79) Butylbenzylphthalate	13.91	149	582095	49.52	ng		91
80) Benzo(a)anthracene	14.56	228	904153	40.78	ng		97
81) 3,3'-Dichlorobenzidine	14.53	252	194242	24.51	ng	#	96
82) Chrysene	14.60	228	804836	39.12	ng		100
83) Bis(2-ethylhexyl)phthalate	14.62	149	801920	50.00	ng		100
84) Di-n-octyl phthalate	15.37	149	1244304	46.44	ng		98
85) Indeno(1,2,3-cd)pyrene	17.52	276	702029	39.40	ng		99
87) Benzo(b)fluoranthene	15.79	252	679007	40.42	ng		98
88) Benzo(k)fluoranthene	15.82	252	677212	41.21	ng		96
89) Benzo(a)pyrene	16.14	252	631537	40.83	ng		99
90) Dibenzo(a,h)anthracene	17.54	278	577760	44.10	ng		97
91) Benzo(g,h,i)perylene	17.91	276	606865	45.97	ng		97

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

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