Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094601.D
Acq On : 25 Apr 2017 13:21
Operator : SJ/MA
Sample : I2813-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-W8-BASEMS

Manual Integrations APPROVED
mohammad
4/26/2017 2:20:40 PM

Quant Time: Apr 26 02:16:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	122908	20.00	ng		0.00
21) Naphthalene-d8	7.25	136	484112	20.00	ng		-0.01
38) Acenaphthene-d10	9.38	164	218734	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	395981	20.00	ng		-0.02
75) Chrysene-d12	14.45	240	276347	20.00	ng		-0.01
86) Perylene-d12	16.07	264	209464	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.31	112	949941	128.23	ng		0.00
7) Phenol-d6	5.39	99	1148010	131.45	ng		0.00
23) Nitrobenzene-d5	6.41	82	715262	91.23	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	243000	142.03	ng		0.00
44) 2-Fluorobiphenyl	8.57	172	1217760	81.91	ng		-0.01
78) Terphenyl-d14	13.18	244	1028529	99.48	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	125370	29.10	ng		98
3) Pyridine	2.64	79	335282	35.61	ng		97
4) n-Nitrosodimethylamine	2.58	42	157466	40.41	ng		89
6) Aniline	5.39	93	358225	30.86	ng	#	76
8) 2-Chlorophenol	5.52	128	361964	42.94	ng		99
9) Benzaldehyde	5.25	77	113328	17.06	ng		99
10) Phenol	5.40	94	497019	46.32	ng		94
11) bis(2-Chloroethyl)ether	5.47	93	336977	42.99	ng		95
12) 1,3-Dichlorobenzene	5.69	146	383353	41.05	ng		98
13) 1,4-Dichlorobenzene	5.77	146	388518	41.35	ng		95
14) 1,2-Dichlorobenzene	5.95	146	362869	41.92	ng		97
15) Benzyl Alcohol	5.94	79	255860	39.49	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.08	45	444007	43.21	ng	#	48
17) 2-Methylphenol	6.08	107	292117	44.00	ng		94
18) Hexachloroethane	6.34	117	133414	41.42	ng	#	87
19) n-Nitroso-di-n-propylamine	6.25	70	254614	44.00	ng		95
20) 3+4-Methylphenols	6.26	107	401047	44.45	ng	#	62
22) Acetophenone	6.23	105	515173	43.77	ng	#	85
24) Nitrobenzene	6.43	77	363168	43.99	ng		93
25) Isophorone	6.72	82	648956	44.65	ng	#	94
26) 2-Nitrophenol	6.80	139	200124	45.12	ng		98
27) 2,4-Dimethylphenol	6.88	122	320768	44.52	ng		98
28) bis(2-Chloroethoxy)methane	6.98	93	418918	44.56	ng		98
29) 2,4-Dichlorophenol	7.10	162	307734	45.91	ng		98
30) 1,2,4-Trichlorobenzene	7.18	180	297694	42.96	ng		99
31) Naphthalene	7.28	128	1013776	43.56	ng		100
32) Benzoic acid	7.00	122	21546m	5.66	ng		
33) 4-Chloroaniline	7.35	127	88153	9.11	ng	#	91
34) Hexachlorobutadiene	7.43	225	146832	42.50	ng		99
35) Caprolactam	7.81	113	92071m	43.73	ng		
36) 4-Chloro-3-methylphenol	7.98	107	312191	44.45	ng		91
37) 2-Methylnaphthalene	8.11	142	693772	43.57	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.32	216	268018	43.03	ng		100
40) Hexachlorocyclopentadiene	8.31	237	191210	75.89	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	194779	44.53	ng		96
43) 2,4,5-Trichlorophenol	8.54	196	208463	46.41	ng	#	91
45) 1,1'-Biphenyl	8.69	154	774737	43.35	ng		98
46) 2-Chloronaphthalene	8.71	162	619697	43.61	ng		95
47) 2-Nitroaniline	8.84	65	183517	44.89	ng		89
48) Acenaphthylene	9.21	152	955427	43.13	ng		99
49) Dimethylphthalate	9.09	163	866488	53.16	ng		99
50) 2,6-Dinitrotoluene	9.15	165	169569	46.34	ng		98
51) Acenaphthene	9.42	154	581001	43.79	ng		99
52) 3-Nitroaniline	9.35	138	92876	21.94	ng		88
53) 2,4-Dinitrophenol	9.50	184	58873	33.28	ng	#	64
54) Dibenzofuran	9.64	168	859692	44.58	ng		98
55) 4-Nitrophenol	9.62	139	232801m	77.84	ng		
56) 2,4-Dinitrotoluene	9.65	165	219200	48.82	ng	#	85
57) Fluorene	10.06	166	658256	43.83	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.81	232	150797	46.84	ng		96
59) Diethylphthalate	9.95	149	711313	46.25	ng		100
60) 4-Chlorophenyl-phenylether	10.07	204	282714	45.24	ng		92
61) 4-Nitroaniline	10.11	138	167507	38.92	ng		95
62) Azobenzene	10.26	77	679999	45.54	ng		96
64) 4,6-Dinitro-2-methylphenol	10.15	198	88380	34.07	ng	#	69
65) n-Nitrosodiphenylamine	10.22	169	614975	44.66	ng		98
66) 4-Bromophenyl-phenylether	10.67	248	176597	44.91	ng		94
67) Hexachlorobenzene	10.74	284	175864	44.38	ng	#	89
68) Atrazine	10.90	200	190641	46.27	ng		96
69) Pentachlorophenol	10.99	266	151305	96.16	ng		99
70) Phenanthrene	11.24	178	987429	44.28	ng		98
71) Anthracene	11.30	178	1011049	43.83	ng		99
72) Carbazole	11.51	167	945287	43.66	ng		98
73) Di-n-butylphthalate	11.95	149	1123135	47.12	ng		99
74) Fluoranthene	12.70	202	1033282	44.71	ng		99
76) Benzidine	12.87	184	319263	28.53	ng	#	92
77) Pyrene	12.97	202	1022614	52.97	ng		98
79) Butylbenzylphthalate	13.79	149	442810	52.33	ng	#	85
80) Benzo(a)anthracene	14.44	228	726116	45.21	ng		99
81) 3,3'-Dichlorobenzidine	14.42	252	137675	24.21	ng	#	94
82) Chrysene	14.48	228	654012	44.55	ng		99
83) Bis(2-ethylhexyl)phthalate	14.51	149	598555	52.69	ng	#	100
84) Di-n-octyl phthalate	15.26	149	833284	43.73	ng		97
85) Indeno(1,2,3-cd)pyrene	17.35	276	638072	45.68	ng		100
87) Benzo(b)fluoranthene	15.68	252	561011	43.78	ng		98
88) Benzo(k)fluoranthene	15.71	252	526312	43.40	ng	#	95
89) Benzo(a)pyrene	16.02	252	530175	44.47	ng		98
90) Dibenzo(a,h)anthracene	17.37	278	520611	52.60	ng		98
91) Benzo(g,h,i)perylene	17.72	276	563507	55.92	ng		98

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

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