Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
Data File : BF094575.D
Acq On : 21 Apr 2017 21:05
Operator : SJ/MA
Sample : I2786-06MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BL-2(3)MSD

Manual Integrations APPROVED
mohammad
4/24/2017 5:13:31 PM

Quant Time: Apr 22 01:48:37 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	5.78	152	104530	20.00	ng		0.01
21) Naphthalene-d8	7.27	136	414248	20.00	ng		0.00
38) Acenaphthene-d10	9.41	164	163400	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	346472	20.00	ng		0.00
75) Chrysene-d12	14.47	240	283599	20.00	ng		0.00
86) Perylene-d12	16.09	264	265640	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.33	112	865464	137.36	ng		0.03
7) Phenol-d6	5.41	99	1047842	141.07	ng		0.02
23) Nitrobenzene-d5	6.43	82	663664	98.93	ng		0.01
41) 2,4,6-Tribromophenol	10.38	330	225437	176.39	ng		0.00
44) 2-Fluorobiphenyl	8.60	172	1212537	109.18	ng		0.00
78) Terphenyl-d14	13.20	244	1008034	95.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	123184	33.62	ng		100
3) Pyridine	2.64	79	298981	37.33	ng		99
4) n-Nitrosodimethylamine	2.58	42	145202	43.82	ng		86
6) Aniline	5.41	93	302978	30.69	ng	#	86
8) 2-Chlorophenol	5.55	128	335053	46.73	ng		93
9) Benzaldehyde	5.28	77	52922	9.37	ng		93
10) Phenol	5.42	94	460670	50.49	ng		95
11) bis(2-Chloroethyl)ether	5.50	93	314353	47.16	ng		94
12) 1,3-Dichlorobenzene	5.71	146	354816	44.67	ng		100
13) 1,4-Dichlorobenzene	5.80	146	362444	45.35	ng		99
14) 1,2-Dichlorobenzene	5.97	146	338842	46.03	ng		95
15) Benzyl Alcohol	5.96	79	255300	46.33	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.11	45	412002	47.14	ng	#	26
17) 2-Methylphenol	6.10	107	270586	47.92	ng	#	92
18) Hexachloroethane	6.36	117	117275	42.81	ng	#	86
19) n-Nitroso-di-n-propylamine	6.27	70	236968	48.15	ng		95
20) 3+4-Methylphenols	6.28	107	369494	48.16	ng	#	61
22) Acetophenone	6.25	105	475779	47.24	ng	#	86
24) Nitrobenzene	6.45	77	333892	47.26	ng		93
25) Isophorone	6.74	82	600086	48.25	ng	#	94
26) 2-Nitrophenol	6.82	139	177159	46.68	ng		96
27) 2,4-Dimethylphenol	6.90	122	294884	47.83	ng		98
28) bis(2-Chloroethoxy)methane	7.00	93	391084	48.62	ng		99
29) 2,4-Dichlorophenol	7.13	162	283519	49.43	ng		99
30) 1,2,4-Trichlorobenzene	7.21	180	277368	46.78	ng		98
31) Naphthalene	7.30	128	937728	47.09	ng		100
32) Benzoic acid	7.04	122	38222	11.72	ng		89
33) 4-Chloroaniline	7.38	127	148681	17.95	ng	#	92
34) Hexachlorobutadiene	7.45	225	139571	47.21	ng		99
35) Caprolactam	7.84	113	87896m	48.78	ng		
36) 4-Chloro-3-methylphenol	8.00	107	268222	44.63	ng		89
37) 2-Methylnaphthalene	8.14	142	652581	47.90	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.35	216	254175	54.63	ng		99
40) Hexachlorocyclopentadiene	8.33	237	93558	49.70	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	163885	50.16	ng		97
43) 2,4,5-Trichlorophenol	8.56	196	182881	54.50	ng		93
45) 1,1'-Biphenyl	8.71	154	737391	55.23	ng		98
46) 2-Chloronaphthalene	8.73	162	582909	54.91	ng		94
47) 2-Nitroaniline	8.87	65	171259	56.08	ng	#	79
48) Acenaphthylene	9.23	152	725324	43.83	ng		98
49) Dimethylphthalate	9.11	163	937283	76.97	ng		100
50) 2,6-Dinitrotoluene	9.17	165	153441	56.14	ng	#	89
51) Acenaphthene	9.45	154	483679	48.80	ng		99
52) 3-Nitroaniline	9.38	138	109669	34.68	ng		86
53) 2,4-Dinitrophenol	9.51	184	31524	25.48	ng	#	74
54) Dibenzofuran	9.66	168	785116	54.50	ng		98
55) 4-Nitrophenol	9.64	139	221503m	99.15	ng		
56) 2,4-Dinitrotoluene	9.67	165	196164	58.49	ng	#	92
57) Fluorene	10.08	166	633225	56.45	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.83	232	145022	60.30	ng	#	97
59) Diethylphthalate	9.97	149	717188	62.42	ng		99
60) 4-Chlorophenyl-phenylether	10.09	204	281902	60.38	ng		90
61) 4-Nitroaniline	10.13	138	157407	48.96	ng		96
62) Azobenzene	10.28	77	663914	59.51	ng		95
64) 4,6-Dinitro-2-methylphenol	10.17	198	40121	17.67	ng	#	73
65) n-Nitrosodiphenylamine	10.24	169	599146	49.72	ng		97
66) 4-Bromophenyl-phenylether	10.68	248	169271	49.20	ng		98
67) Hexachlorobenzene	10.76	284	163885	47.27	ng	#	91
68) Atrazine	10.92	200	172198	47.77	ng		98
69) Pentachlorophenol	11.01	266	150229	109.12	ng		98
70) Phenanthrene	11.25	178	934877	47.92	ng		99
71) Anthracene	11.32	178	943833	46.77	ng		98
72) Carbazole	11.52	167	886344	46.79	ng		97
73) Di-n-butylphthalate	11.98	149	1130258	54.19	ng		99
74) Fluoranthene	12.71	202	970816	48.01	ng		98
76) Benzidine	12.89	184	290255	25.28	ng	#	91
77) Pyrene	12.99	202	954672	48.18	ng		99
79) Butylbenzylphthalate	13.81	149	447496	51.53	ng	#	87
80) Benzo(a)anthracene	14.46	228	804949	48.83	ng		99
81) 3,3'-Dichlorobenzidine	14.43	252	234809	40.24	ng	#	96
82) Chrysene	14.50	228	750937	49.85	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	656720	56.33	ng	#	99
84) Di-n-octyl phthalate	15.27	149	1103022	56.40	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	724692	50.56	ng		100
87) Benzo(b)fluoranthene	15.69	252	856310	52.70	ng		98
88) Benzo(k)fluoranthene	15.72	252	700340m	45.54	ng		
89) Benzo(a)pyrene	16.04	252	739226	48.90	ng		99
90) Dibenzo(a,h)anthracene	17.38	278	595317	47.42	ng		99
91) Benzo(g,h,i)perylene	17.74	276	594635	46.53	ng		98

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

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