Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092415\
Data File : BF081793.D
Acq On : 25 Sep 2015 7:39
Operator : UM/IZ
Sample : G3753-02MSRE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1MSRE

Manual Integrations APPROVED
MMDadoda
9/25/2015 3:37:07 PM

Quant Time: Sep 25 08:33:14 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 07:13:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	144385	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	563473	20.00	ng		0.00
38) Acenaphthene-d10	9.99	164	265984	20.00	ng		-0.01
63) Phenanthrene-d10	11.47	188	464314	20.00	ng		0.00
75) Chrysene-d12	14.12	240	315527	20.00	ng		0.00
86) Perylene-d12	15.59	264	336146	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	888809	104.14	ng		0.01
7) Phenol-d6	6.58	99	1334983	123.66	ng		0.01
23) Nitrobenzene-d5	7.52	82	760414	89.04	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	355545	153.97	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	1304145	80.49	ng		0.00
78) Terphenyl-d14	13.06	244	1122203	81.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	114185	27.03	ng		90
3) Pyridine	3.45	79	38408	3.22	ng	#	85
4) n-Nitrosodimethylamine	3.37	42	176031	31.30	ng		95
6) Aniline	6.62	93	223231	13.81	ng		94
8) 2-Chlorophenol	6.73	128	324217	34.48	ng	#	81
9) Benzaldehyde	6.50	77	126508	19.82	ng		89
10) Phenol	6.59	94	407853	32.53	ng		87
11) bis(2-Chloroethyl)ether	6.69	93	313973	34.14	ng		94
12) 1,3-Dichlorobenzene	6.89	146	383513	34.46	ng	#	93
13) 1,4-Dichlorobenzene	6.97	146	406092	36.07	ng	#	95
14) 1,2-Dichlorobenzene	7.12	146	349623m	33.38	ng		
15) Benzyl Alcohol	7.10	79	326672	38.37	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	7.23	45	597650	37.99	ng		87
17) 2-Methylphenol	7.20	107	294756	37.11	ng	#	85
18) Hexachloroethane	7.46	117	131764	35.94	ng		89
19) n-Nitroso-di-n-propylamine	7.37	70	271691	37.75	ng	#	79
20) 3+4-Methylphenols	7.36	107	360555	36.13	ng	#	56
22) Acetophenone	7.36	105	444346	35.96	ng	#	74
24) Nitrobenzene	7.54	77	391554	41.10	ng	#	78
25) Isophorone	7.77	82	682228	36.06	ng	#	87
26) 2-Nitrophenol	7.85	139	163334	47.20	ng	#	55
27) 2,4-Dimethylphenol	7.89	122	311851	36.34	ng	#	79
28) bis(2-Chloroethoxy)methane	7.99	93	427001	38.64	ng	#	93
29) 2,4-Dichlorophenol	8.09	162	313426	39.24	ng		97
30) 1,2,4-Trichlorobenzene	8.18	180	340249	37.95	ng		99
31) Naphthalene	8.26	128	1001803	38.54	ng		97
32) Benzoic acid	7.98	122	104554	62.58	ng	#	71
33) 4-Chloroaniline	8.31	127	176438	15.47	ng	#	90
34) Hexachlorobutadiene	8.38	225	202682	38.33	ng		98
35) Caprolactam	8.67	113	86052m	40.32	ng		
36) 4-Chloro-3-methylphenol	8.78	107	288960	36.10	ng	#	79
37) 2-Methylnaphthalene	8.95	142	632267	34.13	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	332725	39.19	ng		99
40) Hexachlorocyclopentadiene	9.11	237	301569	82.89	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	217873	38.95	ng		100
43) 2,4,5-Trichlorophenol	9.26	196	224177	40.73	ng	#	89
45) 1,1'-Biphenyl	9.42	154	837915	40.29	ng		95
46) 2-Chloronaphthalene	9.44	162	614419	36.73	ng		93
47) 2-Nitroaniline	9.53	65	171544	38.55	ng	#	70
48) Acenaphthylene	9.86	152	1004844	35.49	ng		98
49) Dimethylphthalate	9.71	163	989837	48.91	ng	#	97
50) 2,6-Dinitrotoluene	9.78	165	181146	46.37	ng		92
51) Acenaphthene	10.03	154	637610	39.08	ng		91
52) 3-Nitroaniline	9.94	138	119945	28.31	ng	#	62
53) 2,4-Dinitrophenol	10.05	184	78402	91.33	ng	#	40
54) Dibenzofuran	10.21	168	908257	37.95	ng		97
55) 4-Nitrophenol	10.09	139	242957	83.15	ng	#	43
56) 2,4-Dinitrotoluene	10.18	165	227908	48.73	ng	#	89
57) Fluorene	10.54	166	640126	34.85	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.31	232	179261	42.67	ng		98
59) Diethylphthalate	10.41	149	735342	37.51	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	341408	40.49	ng		97
61) 4-Nitroaniline	10.56	138	134692	32.72	ng	#	55
62) Azobenzene	10.70	77	770918	38.47	ng		95
64) 4,6-Dinitro-2-methylphenol	10.58	198	72909	59.99	ng		89
65) n-Nitrosodiphenylamine	10.65	169	558250	35.65	ng		92
66) 4-Bromophenyl-phenylether	11.03	248	214785	41.55	ng	#	87
67) Hexachlorobenzene	11.09	284	224546	41.63	ng	#	88
68) Atrazine	11.18	200	181400	38.75	ng		83
69) Pentachlorophenol	11.28	266	259271	86.46	ng		99
70) Phenanthrene	11.51	178	1035528	39.01	ng		96
71) Anthracene	11.55	178	942988	36.87	ng		96
72) Carbazole	11.70	167	815910	34.36	ng		94
73) Di-n-butylphthalate	12.03	149	1092409	37.79	ng	#	97
74) Fluoranthene	12.69	202	906972	33.91	ng		93
77) Pyrene	12.92	202	917470	38.57	ng		95
79) Butylbenzylphthalate	13.53	149	385369	40.65	ng	#	80
80) Benzo(a)anthracene	14.10	228	697417	36.45	ng		95
81) 3,3'-Dichlorobenzidine	14.07	252	65103	10.71	ng	#	93
82) Chrysene	14.14	228	639298	34.84	ng		94
83) Bis(2-ethylhexyl)phthalate	14.09	149	526437	45.80	ng	#	92
84) Di-n-octyl phthalate	14.71	149	855339	50.60	ng		95
85) Indeno(1,2,3-cd)pyrene	17.05	276	834841	49.70	ng	#	87
87) Benzo(b)fluoranthene	15.16	252	717585m	36.00	ng		
88) Benzo(k)fluoranthene	15.19	252	681615m	35.50	ng		
89) Benzo(a)pyrene	15.52	252	677684	37.65	ng	#	87
90) Dibenzo(a,h)anthracene	17.08	278	682759	36.40	ng	#	81
91) Benzo(g,h,i)perylene	17.51	276	693337	35.86	ng	#	77

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

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