Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100735.D
Acq On : 20 Nov 2017 17:38
Operator : SJ/JU
Sample : PB104390BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104390BS

Manual Integrations APPROVED
SOHIL
11/21/2017 2:15:22 PM

Quant Time: Nov 21 04:25:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	89096	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	359431	20.00	ng		-0.01
38) Acenaphthene-d10	9.91	164	166115	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	321171	20.00	ng		0.00
75) Chrysene-d12	14.03	240	190631	20.00	ng		-0.01
86) Perylene-d12	15.50	264	170629	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	499435	89.86	ng		0.00
7) Phenol-d6	6.50	99	609990	89.00	ng		0.00
23) Nitrobenzene-d5	7.43	82	384617	70.75	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	179697	106.16	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	828599	75.95	ng		-0.01
78) Terphenyl-d14	12.98	244	723013	87.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	68874	25.427	ng		97
3) Pyridine	3.50	79	203131	27.488	ng		94
4) n-Nitrosodimethylamine	3.45	42	94863	26.440	ng		94
6) Aniline	6.53	93	181976	18.794	ng		99
8) 2-Chlorophenol	6.66	128	203869	34.672	ng		98
9) Benzaldehyde	6.42	77	61471	12.559	ng		95
10) Phenol	6.52	94	239587	33.298	ng		98
11) bis(2-Chloroethyl)ether	6.61	93	182902	30.264	ng		99
12) 1,3-Dichlorobenzene	6.81	146	231018	34.078	ng		98
13) 1,4-Dichlorobenzene	6.89	146	234279	34.145	ng		96
14) 1,2-Dichlorobenzene	7.05	146	222382	35.055	ng		95
15) Benzyl Alcohol	7.01	79	173136	32.367	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	326835	33.813	ng		98
17) 2-Methylphenol	7.12	107	171859	34.202	ng		96
18) Hexachloroethane	7.38	117	78934	34.891	ng		99
19) n-Nitroso-di-n-propylamine	7.28	70	139022	29.248	ng		97
20) 3+4-Methylphenols	7.27	107	212356	33.397	ng	#	78
22) Acetophenone	7.28	105	274987	31.375	ng	#	96
24) Nitrobenzene	7.45	77	206679	36.936	ng		99
25) Isophorone	7.69	82	376383	32.945	ng		99
26) 2-Nitrophenol	7.77	139	114772	44.223	ng		92
27) 2,4-Dimethylphenol	7.80	122	191953	37.481	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	239638	32.067	ng		100
29) 2,4-Dichlorophenol	8.01	162	182728	37.374	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	190574	36.035	ng		96
31) Naphthalene	8.17	128	598368	34.564	ng		99
32) Benzoic acid	7.92	122	122393	34.487	ng		96
33) 4-Chloroaniline	8.22	127	89070	12.360	ng		96
34) Hexachlorobutadiene	8.29	225	110821	35.244	ng		99
35) Caprolactam	8.59	113	50785m	30.268	ng		
36) 4-Chloro-3-methylphenol	8.70	107	178803	34.052	ng		95
37) 2-Methylnaphthalene	8.87	142	412562	35.895	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	189523	34.401	ng		97
40) Hexachlorocyclopentadiene	9.02	237	220004	84.849	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	138049	39.537	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	140753	38.908	ng	#	90
45) 1,1'-Biphenyl	9.33	154	496947	34.589	ng		97
46) 2-Chloronaphthalene	9.36	162	384511	36.891	ng		96
47) 2-Nitroaniline	9.45	65	109141	36.166	ng		96
48) Acenaphthylene	9.77	152	590719	34.199	ng		99
49) Dimethylphthalate	9.63	163	440072	34.697	ng		100
50) 2,6-Dinitrotoluene	9.69	165	99050	39.454	ng		89
51) Acenaphthene	9.95	154	355812	33.870	ng		98
52) 3-Nitroaniline	9.86	138	62720	21.156	ng		98
53) 2,4-Dinitrophenol	9.97	184	94522	83.890	ng	#	16
54) Dibenzofuran	10.12	168	525251	35.674	ng		97
55) 4-Nitrophenol	10.02	139	155839	64.739	ng		92
56) 2,4-Dinitrotoluene	10.10	165	129534	40.899	ng		86
57) Fluorene	10.46	166	401848	37.256	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	114376	38.577	ng	#	86
59) Diethylphthalate	10.33	149	417474	32.892	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	194458	36.751	ng	#	88
61) 4-Nitroaniline	10.48	138	101498	36.107	ng		81
62) Azobenzene	10.61	77	378287	31.645	ng		94
64) 4,6-Dinitro-2-methylphenol	10.50	198	62286	40.122	ng		79
65) n-Nitrosodiphenylamine	10.57	169	372446	33.351	ng		97
66) 4-Bromophenyl-phenylether	10.94	248	125021	36.313	ng	#	85
67) Hexachlorobenzene	11.00	284	130166	36.148	ng	#	90
68) Atrazine	11.09	200	116129	34.353	ng		96
69) Pentachlorophenol	11.20	266	145070	56.185	ng		99
70) Phenanthrene	11.42	178	592971	35.066	ng		98
71) Anthracene	11.47	178	610944	35.611	ng		99
72) Carbazole	11.63	167	524260	33.118	ng		99
73) Di-n-butylphthalate	11.95	149	635264	34.292	ng		98
74) Fluoranthene	12.61	202	583561	32.562	ng		96
76) Benzidine	12.73	184	159668	20.914	ng		98
77) Pyrene	12.84	202	590842	43.480	ng		98
79) Butylbenzylphthalate	13.45	149	203166	36.661	ng	#	88
80) Benzo(a)anthracene	14.02	228	420506	36.630	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	87313	21.228	ng	#	98
82) Chrysene	14.06	228	398062	35.808	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	247160	33.910	ng		99
84) Di-n-octyl phthalate	14.62	149	367762	29.370	ng		99
85) Indeno(1,2,3-cd)pyrene	16.99	276	444904	49.480	ng		94
87) Benzo(b)fluoranthene	15.07	252	344558	34.085	ng		98
88) Benzo(k)fluoranthene	15.10	252	324021	33.924	ng	#	95
89) Benzo(a)pyrene	15.44	252	330697	36.900	ng		99
90) Dibenzo(a,h)anthracene	17.00	278	362527	49.464	ng		95
91) Benzo(g,h,i)perylene	17.43	276	386237	53.836	ng		95

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

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