Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
Data File : BF079066.D
Acq On : 9 May 2015 6:38
Operator : TP/IZ
Sample : PB83244BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB83244BS

Manual Integrations APPROVED
apatel
5/12/2015 3:44:46 PM

Quant Time: May 09 07:35:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 09 04:13:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	81291	20.00	ng		0.00
21) Naphthalene-d8	8.90	136	337701	20.00	ng		0.00
38) Acenaphthene-d10	11.07	164	173408	20.00	ng		0.00
63) Phenanthrene-d10	12.91	188	327707	20.00	ng		0.00
75) Chrysene-d12	16.22	240	304991	20.00	ng		0.00
86) Perylene-d12	17.99	264	310735	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	540055	114.36	ng		0.00
7) Phenol-d6	6.88	99	709329	113.63	ng		0.00
23) Nitrobenzene-d5	8.01	82	399104	67.92	ng		0.00
41) 2,4,6-Tribromophenol	12.06	330	208513	111.15	ng		0.00
44) 2-Fluorobiphenyl	10.24	172	806870	64.83	ng		0.00
78) Terphenyl-d14	14.91	244	903703	70.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	66068	32.18	ng	#	34
3) Pyridine	3.05	79	176113	29.31	ng		97
4) n-Nitrosodimethylamine	2.97	42	92276m	35.84	ng		
6) Aniline	6.91	93	196982	22.36	ng		98
8) 2-Chlorophenol	7.05	128	205647	38.39	ng		100
9) Benzaldehyde	6.76	77	115205	27.40	ng		93
10) Phenol	6.90	94	257613	35.58	ng		83
11) bis(2-Chloroethyl)ether	7.00	93	186658	35.16	ng		98
12) 1,3-Dichlorobenzene	7.24	146	212798	35.35	ng	#	94
13) 1,4-Dichlorobenzene	7.35	146	215326	34.75	ng		96
14) 1,2-Dichlorobenzene	7.53	146	205102	35.56	ng		97
15) Benzyl Alcohol	7.50	79	166246	35.88	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.68	45	292165	35.97	ng		98
17) 2-Methylphenol	7.64	107	174052	40.38	ng		96
18) Hexachloroethane	7.94	117	74067	34.71	ng		89
19) n-Nitroso-di-n-propylamine	7.83	70	146160	34.67	ng		96
20) 3+4-Methylphenols	7.84	107	224039	39.01	ng	#	49
22) Acetophenone	7.83	105	288274	37.78	ng		97
24) Nitrobenzene	8.03	77	210614	36.16	ng		96
25) Isophorone	8.33	82	375901	34.51	ng		99
26) 2-Nitrophenol	8.43	139	96043	39.84	ng		93
27) 2,4-Dimethylphenol	8.49	122	194930	40.41	ng		96
28) bis(2-Chloroethoxy)methane	8.62	93	239902	35.72	ng		99
29) 2,4-Dichlorophenol	8.72	162	169471	39.51	ng		93
30) 1,2,4-Trichlorobenzene	8.83	180	167927	35.64	ng		98
31) Naphthalene	8.92	128	597453	37.13	ng		99
32) Benzoic acid	8.59	122	95821	33.85	ng		96
33) 4-Chloroaniline	8.99	127	142918	20.99	ng		100
34) Hexachlorobutadiene	9.07	225	90796	33.46	ng		97
35) Caprolactam	9.43	113	55086	39.71	ng		92
36) 4-Chloro-3-methylphenol	9.60	107	178958	39.72	ng		99
37) 2-Methylnaphthalene	9.78	142	412717	37.01	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.99	216	160680	32.90	ng	#	100
40) Hexachlorocyclopentadiene	9.98	237	161862	65.91	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.14	196	121471	36.18	ng		95
43) 2,4,5-Trichlorophenol	10.18	196	123532	36.39	ng	#	91
45) 1,1'-Biphenyl	10.36	154	487751	35.38	ng		99
46) 2-Chloronaphthalene	10.39	162	379692	35.31	ng		97
47) 2-Nitroaniline	10.51	65	111333	35.73	ng		98
48) Acenaphthylene	10.90	152	624844	35.39	ng		100
49) Dimethylphthalate	10.75	163	450053	35.36	ng		99
50) 2,6-Dinitrotoluene	10.82	165	91924	36.60	ng		95
51) Acenaphthene	11.12	154	350894	33.33	ng		99
52) 3-Nitroaniline	11.03	138	85744	27.33	ng	#	97
53) 2,4-Dinitrophenol	11.16	184	66747	69.14	ng	#	76
54) Dibenzofuran	11.32	168	542764	35.69	ng		97
55) 4-Nitrophenol	11.24	139	185168	74.57	ng		90
56) 2,4-Dinitrotoluene	11.32	165	128538	38.71	ng	#	72
57) Fluorene	11.76	166	440464	35.29	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.48	232	98366	35.46	ng	#	100
59) Diethylphthalate	11.63	149	438497	34.78	ng		98
60) 4-Chlorophenyl-phenylether	11.76	204	189123	34.15	ng	#	89
61) 4-Nitroaniline	11.78	138	106004	33.77	ng		92
62) Azobenzene	11.95	77	431053	34.70	ng		93
64) 4,6-Dinitro-2-methylphenol	11.83	198	48550	38.63	ng	#	61
65) n-Nitrosodiphenylamine	11.91	169	370153	33.92	ng		99
66) 4-Bromophenyl-phenylether	12.36	248	119393	34.95	ng	#	84
67) Hexachlorobenzene	12.43	284	138715	35.53	ng	#	82
68) Atrazine	12.58	200	121912	38.41	ng		99
69) Pentachlorophenol	12.69	266	130809	59.21	ng		98
70) Phenanthrene	12.95	178	623411	34.00	ng		100
71) Anthracene	13.02	178	652238	36.26	ng		99
72) Carbazole	13.22	167	637699	37.20	ng		98
73) Di-n-butylphthalate	13.67	149	731378	35.58	ng	#	97
74) Fluoranthene	14.43	202	670559	35.10	ng		92
76) Benzidine	14.61	184	349601	42.53	ng		99
77) Pyrene	14.71	202	687799	39.14	ng		99
79) Butylbenzylphthalate	15.53	149	312550	40.68	ng		94
80) Benzo(a)anthracene	16.21	228	615090	36.83	ng		100
81) 3,3'-Dichlorobenzidine	16.18	252	151682	25.50	ng	#	97
82) Chrysene	16.25	228	568031	35.36	ng		100
83) Bis(2-ethylhexyl)phthalate	16.25	149	453236	38.95	ng	#	96
84) Di-n-octyl phthalate	17.06	149	766778	37.42	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.47	276	724745	35.41	ng	#	100
87) Benzo(b)fluoranthene	17.53	252	625248	36.76	ng	#	96
88) Benzo(k)fluoranthene	17.57	252	600430	36.47	ng	#	95
89) Benzo(a)pyrene	17.92	252	584690	37.33	ng	#	97
90) Dibenzo(a,h)anthracene	19.50	278	585745	35.19	ng		97
91) Benzo(g,h,i)perylene	19.92	276	598714	35.89	ng		99

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

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