Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
Data File : BF077121.D
Acq On : 29 Jan 2015 5:34
Operator : TP/IZ
Sample : G1159-06MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-84(17-19)MSD

Manual Integrations APPROVED
apatel
1/29/2015 4:06:44 PM

Quant Time: Jan 29 06:37:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 29 06:28:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	27950	20.00	ng		0.00
21) Naphthalene-d8	10.63	136	113945	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	55902	20.00	ng		0.00
63) Phenanthrene-d10	17.60	188	102401	20.00	ng		0.00
75) Chrysene-d12	21.11	240	89429	20.00	ng		0.00
86) Perylene-d12	22.79	264	77629	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.76	112	206136	121.26	ng		0.00
7) Phenol-d6	7.14	99	264686	123.43	ng		0.00
23) Nitrobenzene-d5	9.03	82	164832	80.14	ng		0.00
41) 2,4,6-Tribromophenol	16.48	330	63708	140.40	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	301270	82.01	ng		0.00
78) Terphenyl-d14	19.84	244	273894	70.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.14	88	19347	26.58	ng		98
3) Pyridine	1.59	79	55732	29.59	ng		96
4) n-Nitrosodimethylamine	1.54	42	36443	39.06	ng		81
6) Aniline	7.01	93	47845	16.12	ng		94
8) 2-Chlorophenol	7.25	128	78201	39.90	ng		97
9) Benzaldehyde	6.72	77	11663	7.90	ng		92
10) Phenol	7.17	94	97470	42.80	ng		94
11) bis(2-Chloroethyl)ether	7.27	93	72737	40.82	ng	#	73
12) 1,3-Dichlorobenzene	7.57	146	82350	36.93	ng		93
13) 1,4-Dichlorobenzene	7.76	146	84897	35.91	ng		98
14) 1,2-Dichlorobenzene	8.07	146	80572	36.98	ng		98
15) Benzyl Alcohol	8.16	79	66275	38.19	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.52	45	91926	38.38	ng		86
17) 2-Methylphenol	8.53	107	61410	38.34	ng		95
18) Hexachloroethane	8.82	117	32189	39.14	ng		94
19) n-Nitroso-di-n-propylamine	8.80	70	54313	36.18	ng		94
20) 3+4-Methylphenols	8.92	107	77141	36.38	ng		97
22) Acetophenone	8.72	105	114480	41.02	ng		95
24) Nitrobenzene	9.06	77	86106	41.10	ng		94
25) Isophorone	9.67	82	147595	39.40	ng		97
26) 2-Nitrophenol	9.81	139	40893	38.48	ng	#	85
27) 2,4-Dimethylphenol	10.10	122	69524	42.91	ng		96
28) bis(2-Chloroethoxy)methane	10.30	93	92473	43.44	ng		99
29) 2,4-Dichlorophenol	10.42	162	63589	42.11	ng		95
30) 1,2,4-Trichlorobenzene	10.55	180	69561	41.47	ng		98
31) Naphthalene	10.68	128	231665	39.49	ng		98
32) Benzoic acid	10.41	122	8316	9.26	ng		88
33) 4-Chloroaniline	10.94	127	44744	18.88	ng		97
34) Hexachlorobutadiene	11.05	225	38718	38.91	ng		89
35) Caprolactam	11.76	113	15208	34.21	ng		93
36) 4-Chloro-3-methylphenol	12.24	107	71383	41.29	ng		94
37) 2-Methylnaphthalene	12.33	142	165225	41.24	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.73	216	62300	45.08	ng		99
40) Hexachlorocyclopentadiene	12.72	237	44979	61.57	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	44486	44.18	ng		92
43) 2,4,5-Trichlorophenol	13.19	196	46178	44.96	ng	#	93
45) 1,1'-Biphenyl	13.49	154	186366	44.97	ng		98
46) 2-Chloronaphthalene	13.47	162	150034	43.99	ng		98
47) 2-Nitroaniline	13.81	65	49241	47.60	ng		97
48) Acenaphthylene	14.41	152	240964	41.89	ng		99
49) Dimethylphthalate	14.37	163	189302	47.75	ng		99
50) 2,6-Dinitrotoluene	14.46	165	37039	46.76	ng		93
51) Acenaphthene	14.84	154	136481	41.82	ng		93
52) 3-Nitroaniline	14.80	138	31225	30.86	ng		86
53) 2,4-Dinitrophenol	15.09	184	11454	38.04	ng	#	80
54) Dibenzofuran	15.26	168	210921	44.36	ng		99
55) 4-Nitrophenol	15.42	139	50562	81.36	ng		94
56) 2,4-Dinitrotoluene	15.40	165	51099	43.25	ng		97
57) Fluorene	16.01	166	177022	43.95	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.61	232	33271	44.49	ng		94
59) Diethylphthalate	16.01	149	183295	45.75	ng		99
60) 4-Chlorophenyl-phenylether	16.11	204	74679	45.31	ng		98
61) 4-Nitroaniline	16.16	138	34763	35.21	ng		95
62) Azobenzene	16.40	77	187370	44.88	ng		98
64) 4,6-Dinitro-2-methylphenol	16.24	198	17797	28.49	ng		95
65) n-Nitrosodiphenylamine	16.36	169	142996	39.16	ng		98
66) 4-Bromophenyl-phenylether	16.97	248	41254	39.77	ng	#	82
67) Hexachlorobenzene	16.99	284	43469	39.76	ng		97
68) Atrazine	17.35	200	49928	45.06	ng		91
69) Pentachlorophenol	17.35	266	38833	77.66	ng		99
70) Phenanthrene	17.64	178	264056	41.35	ng		99
71) Anthracene	17.72	178	255100	40.97	ng		98
72) Carbazole	18.00	167	243261	40.28	ng		100
73) Di-n-butylphthalate	18.60	149	298301	42.67	ng		98
74) Fluoranthene	19.28	202	277126	42.35	ng		98
76) Benzidine	19.53	184	104188	36.41	ng		99
77) Pyrene	19.57	202	288025	46.99	ng		99
79) Butylbenzylphthalate	20.51	149	128909	46.44	ng		90
80) Benzo(a)anthracene	21.10	228	249609	44.49	ng		99
81) 3,3'-Dichlorobenzidine	21.11	252	60385	33.87	ng	#	96
82) Chrysene	21.13	228	209094	40.86	ng		98
83) Bis(2-ethylhexyl)phthalate	21.25	149	181541	47.27	ng		97
84) Di-n-octyl phthalate	22.03	149	304164	45.63	ng		99
85) Indeno(1,2,3-cd)pyrene	23.95	276	205864	37.96	ng	#	83
87) Benzo(b)fluoranthene	22.37	252	216783	41.46	ng	#	97
88) Benzo(k)fluoranthene	22.39	252	191527m	41.93	ng		
89) Benzo(a)pyrene	22.72	252	197555	42.84	ng	#	97
90) Dibenzo(a,h)anthracene	23.97	278	162560	38.42	ng	#	96
91) Benzo(g,h,i)perylene	24.22	276	174265	41.42	ng		96

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

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