Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083123.D
Acq On : 21 Nov 2015 21:01
Operator : UM/IZ
Sample : PB86620BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86620BS

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:01:26 PM

Quant Time: Nov 22 09:34:31 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	194345	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	737177	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	371745	20.00	ng		-0.01
63) Phenanthrene-d10	11.16	188	708271	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	631167	20.00	ng		-0.01
86) Perylene-d12	15.15	264	552275	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	898260	69.88	ng		0.00
7) Phenol-d6	6.33	99	1201998	72.27	ng		-0.01
23) Nitrobenzene-d5	7.23	82	1096418	67.96	ng		0.00
41) 2,4,6-Tribromophenol	10.48	330	262099	68.92	ng		-0.01
44) 2-Fluorobiphenyl	9.03	172	1779570	66.75	ng		0.00
78) Terphenyl-d14	12.75	244	1780926	66.45	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	193499	30.39	ng		99
3) Pyridine	3.02	79	536317	31.89	ng		98
4) n-Nitrosodimethylamine	2.87	42	275147	35.47	ng		99
6) Aniline	6.33	93	425866	20.95	ng	#	66
8) 2-Chlorophenol	6.44	128	467398	33.65	ng		97
9) Benzaldehyde	6.20	77	247757	27.02	ng		98
10) Phenol	6.34	94	701435	34.86	ng	#	78
11) bis(2-Chloroethyl)ether	6.40	93	474830	33.05	ng		96
12) 1,3-Dichlorobenzene	6.59	146	529008m	33.36	ng		
13) 1,4-Dichlorobenzene	6.67	146	532738	33.21	ng		96
14) 1,2-Dichlorobenzene	6.82	146	452118	31.01	ng		94
15) Benzyl Alcohol	6.82	79	453290	32.61	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.95	45	787644	35.16	ng		99
17) 2-Methylphenol	6.95	107	410531	35.72	ng		96
18) Hexachloroethane	7.16	117	178596	31.61	ng	#	88
19) n-Nitroso-di-n-propylamine	7.10	70	394623	34.09	ng	#	89
20) 3+4-Methylphenols	7.11	107	539559	37.14	ng		97
22) Acetophenone	7.08	105	684216	32.33	ng	#	95
24) Nitrobenzene	7.24	77	544328	31.58	ng		100
25) Isophorone	7.51	82	1006656	32.96	ng		98
26) 2-Nitrophenol	7.56	139	241667	31.76	ng		90
27) 2,4-Dimethylphenol	7.62	122	414858	34.16	ng		99
28) bis(2-Chloroethoxy)methane	7.71	93	626170	35.26	ng		99
29) 2,4-Dichlorophenol	7.82	162	410285	35.52	ng		98
30) 1,2,4-Trichlorobenzene	7.88	180	410646	32.36	ng		97
31) Naphthalene	7.96	128	1324861	33.30	ng		99
32) Benzoic acid	7.78	122	303009	32.10	ng		97
33) 4-Chloroaniline	8.03	127	248012	16.07	ng	#	87
34) Hexachlorobutadiene	8.09	225	246792	32.91	ng		98
35) Caprolactam	8.43	113	136226	36.80	ng	#	85
36) 4-Chloro-3-methylphenol	8.54	107	467699	34.95	ng		98
37) 2-Methylnaphthalene	8.66	142	889752	34.46	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	377653	31.34	ng	#	98
40) Hexachlorocyclopentadiene	8.81	237	447307	65.29	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	306463	35.51	ng		98
43) 2,4,5-Trichlorophenol	8.99	196	313428	35.52	ng	#	93
45) 1,1'-Biphenyl	9.12	154	1024286	32.37	ng		97
46) 2-Chloronaphthalene	9.14	162	841846	33.87	ng		95
47) 2-Nitroaniline	9.26	65	304776	34.67	ng	#	63
48) Acenaphthylene	9.55	152	1264453	32.83	ng		98
49) Dimethylphthalate	9.44	163	1040834	36.37	ng		99
50) 2,6-Dinitrotoluene	9.50	165	225594	35.13	ng	#	60
51) Acenaphthene	9.72	154	770260	32.86	ng		100
52) 3-Nitroaniline	9.67	138	124775	18.22	ng		98
53) 2,4-Dinitrophenol	9.77	184	270182	73.03	ng	#	71
54) Dibenzofuran	9.90	168	1126513	33.99	ng		95
55) 4-Nitrophenol	9.85	139	323598	61.64	ng		94
56) 2,4-Dinitrotoluene	9.90	165	306170	37.63	ng	#	82
57) Fluorene	10.24	166	913728	33.36	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	257489	35.57	ng		99
59) Diethylphthalate	10.14	149	1028093	36.09	ng		98
60) 4-Chlorophenyl-phenylether	10.24	204	449274	35.81	ng	#	85
61) 4-Nitroaniline	10.27	138	219113	32.50	ng		88
62) Azobenzene	10.40	77	1196794	36.81	ng		89
64) 4,6-Dinitro-2-methylphenol	10.30	198	170340	34.90	ng		79
65) n-Nitrosodiphenylamine	10.35	169	808847	33.58	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	265008	33.72	ng	#	81
67) Hexachlorobenzene	10.79	284	308608	35.66	ng	#	83
68) Atrazine	10.90	200	291454	41.66	ng		99
69) Pentachlorophenol	10.98	266	372787	66.13	ng		100
70) Phenanthrene	11.20	178	1416732	34.72	ng		98
71) Anthracene	11.24	178	1464934	35.19	ng		99
72) Carbazole	11.40	167	1216573	32.88	ng		99
73) Di-n-butylphthalate	11.75	149	1537432	34.04	ng		100
74) Fluoranthene	12.38	202	1555174	37.24	ng		96
76) Benzidine	12.51	184	548859	33.18	ng		99
77) Pyrene	12.59	202	1513989	35.11	ng		99
79) Butylbenzylphthalate	13.23	149	673611	33.01	ng		90
80) Benzo(a)anthracene	13.78	228	1362428	34.90	ng		98
81) 3,3'-Dichlorobenzidine	13.76	252	355065	26.13	ng	#	99
82) Chrysene	13.82	228	1208067	33.37	ng		98
83) Bis(2-ethylhexyl)phthalate	13.81	149	964441	36.18	ng	#	95
84) Di-n-octyl phthalate	14.41	149	1648741	35.93	ng		99
85) Indeno(1,2,3-cd)pyrene	16.42	276	1088883	33.07	ng		99
87) Benzo(b)fluoranthene	14.79	252	1190965m	31.56	ng		
88) Benzo(k)fluoranthene	14.81	252	1022420m	36.37	ng		
89) Benzo(a)pyrene	15.11	252	1064644	34.17	ng	#	98
90) Dibenzo(a,h)anthracene	16.43	278	920495	32.53	ng	#	97
91) Benzo(g,h,i)perylene	16.80	276	915667	33.14	ng	#	95

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

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