Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083143.D
Acq On : 22 Nov 2015 7:28
Operator : UM/IZ
Sample : G4505-04MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(7.5-9.5)MSD

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:01:48 PM

Quant Time: Nov 23 03:09:31 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	202319	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	777222	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	399116	20.00	ng		-0.01
63) Phenanthrene-d10	11.16	188	726743	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	595011	20.00	ng		-0.01
86) Perylene-d12	15.15	264	538131	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1612908	120.53	ng		-0.01
7) Phenol-d6	6.33	99	2302154	132.96	ng		-0.01
23) Nitrobenzene-d5	7.23	82	1446288	85.03	ng		0.00
41) 2,4,6-Tribromophenol	10.48	330	450968	110.44	ng		-0.01
44) 2-Fluorobiphenyl	9.03	172	2225259	77.75	ng		0.00
78) Terphenyl-d14	12.75	244	2140930	84.73	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	238519	35.98	ng	#	94
3) Pyridine	2.91	79	702142	40.10	ng		99
4) n-Nitrosodimethylamine	2.83	42	338102	41.87	ng		96
6) Aniline	6.33	93	473770	22.39	ng	#	22
8) 2-Chlorophenol	6.44	128	605259	41.86	ng		99
9) Benzaldehyde	6.19	77	440566	58.17	ng		93
10) Phenol	6.34	94	881233	42.07	ng	#	73
11) bis(2-Chloroethyl)ether	6.40	93	632228	42.27	ng		96
12) 1,3-Dichlorobenzene	6.59	146	659081m	39.92	ng		
13) 1,4-Dichlorobenzene	6.67	146	666869	39.93	ng		94
14) 1,2-Dichlorobenzene	6.82	146	568754	37.47	ng		95
15) Benzyl Alcohol	6.82	79	608892	42.08	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1063735	45.61	ng		77
17) 2-Methylphenol	6.95	107	509866	42.62	ng		98
18) Hexachloroethane	7.16	117	232104	39.46	ng		89
19) n-Nitroso-di-n-propylamine	7.08	70	501259	41.60	ng		100
20) 3+4-Methylphenols	7.10	107	686274	45.38	ng		94
22) Acetophenone	7.07	105	895049	40.11	ng	#	99
24) Nitrobenzene	7.24	77	732388	40.30	ng		99
25) Isophorone	7.50	82	1353612	42.03	ng		99
26) 2-Nitrophenol	7.56	139	340347	42.42	ng		95
27) 2,4-Dimethylphenol	7.62	122	537040	41.94	ng		96
28) bis(2-Chloroethoxy)methane	7.71	93	788712	42.12	ng		99
29) 2,4-Dichlorophenol	7.82	162	553043	45.41	ng		98
30) 1,2,4-Trichlorobenzene	7.88	180	528859	39.53	ng		97
31) Naphthalene	7.96	128	1719903	41.00	ng		98
32) Benzoic acid	7.74	122	66705	6.70	ng		95
33) 4-Chloroaniline	8.02	127	188831	11.60	ng		98
34) Hexachlorobutadiene	8.09	225	315057	39.85	ng		98
35) Caprolactam	8.42	113	191044m	48.95	ng		
36) 4-Chloro-3-methylphenol	8.52	107	606588	43.00	ng		89
37) 2-Methylnaphthalene	8.65	142	1103704	40.54	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	497998	38.50	ng	#	97
40) Hexachlorocyclopentadiene	8.81	237	500610	68.06	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	380570	41.08	ng		98
43) 2,4,5-Trichlorophenol	8.99	196	389535	41.12	ng		98
45) 1,1'-Biphenyl	9.12	154	1302345	38.34	ng		97
46) 2-Chloronaphthalene	9.14	162	1079805	40.47	ng		95
47) 2-Nitroaniline	9.24	65	383916	40.68	ng		99
48) Acenaphthylene	9.55	152	1623402	39.26	ng		99
49) Dimethylphthalate	9.44	163	1647330	53.61	ng		99
50) 2,6-Dinitrotoluene	9.48	165	274179	39.77	ng		96
51) Acenaphthene	9.72	154	981402	39.00	ng		100
52) 3-Nitroaniline	9.66	138	143206	19.48	ng	#	65
53) 2,4-Dinitrophenol	9.76	184	183013	46.07	ng		94
54) Dibenzofuran	9.90	168	1396615	39.25	ng		96
55) 4-Nitrophenol	9.85	139	424672	75.34	ng		96
56) 2,4-Dinitrotoluene	9.88	165	358186	41.00	ng		93
57) Fluorene	10.24	166	1176874	40.02	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	320188	41.20	ng		99
59) Diethylphthalate	10.14	149	1270439	41.54	ng		99
60) 4-Chlorophenyl-phenylether	10.24	204	529047	39.28	ng	#	80
61) 4-Nitroaniline	10.27	138	267031	36.90	ng		90
62) Azobenzene	10.39	77	1426893	40.87	ng		97
64) 4,6-Dinitro-2-methylphenol	10.30	198	197339	39.41	ng		80
65) n-Nitrosodiphenylamine	10.35	169	959272	38.81	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	335480	41.60	ng	#	90
67) Hexachlorobenzene	10.78	284	356144	40.10	ng	#	87
68) Atrazine	10.89	200	308020	42.91	ng		99
69) Pentachlorophenol	10.98	266	414809	71.71	ng		99
70) Phenanthrene	11.19	178	1599414	38.20	ng		99
71) Anthracene	11.24	178	1823520	42.69	ng		99
72) Carbazole	11.40	167	1607361	42.33	ng		99
73) Di-n-butylphthalate	11.75	149	1942595	41.91	ng		99
74) Fluoranthene	12.37	202	1705102	39.79	ng		98
76) Benzidine	12.50	184	739459	47.42	ng		99
77) Pyrene	12.59	202	1610664	39.62	ng		99
79) Butylbenzylphthalate	13.23	149	839868	43.66	ng		97
80) Benzo(a)anthracene	13.78	228	1510889	41.06	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	348776	27.23	ng	#	97
82) Chrysene	13.82	228	1333279m	39.07	ng		
83) Bis(2-ethylhexyl)phthalate	13.79	149	1098790	43.73	ng		97
84) Di-n-octyl phthalate	14.40	149	1850810	42.79	ng		98
85) Indeno(1,2,3-cd)pyrene	16.42	276	1275381	41.09	ng		98
87) Benzo(b)fluoranthene	14.79	252	1562499m	42.49	ng		
88) Benzo(k)fluoranthene	14.81	252	986430m	36.01	ng		
89) Benzo(a)pyrene	15.10	252	1210473	39.88	ng	#	96
90) Dibenzo(a,h)anthracene	16.43	278	1077690	39.08	ng		100
91) Benzo(g,h,i)perylene	16.80	276	1044723	38.81	ng		98

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

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