Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090953.D
Acq On : 1 Nov 2016 16:21
Operator : UM/SJ
Sample : H5489-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-70-0.5-1.0MS

Manual Integrations APPROVED
Umangi
11/2/2016 5:41:45 PM

Quant Time: Nov 02 01:25:34 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	174985	20.00	ng		-0.01
21) Naphthalene-d8	8.03	136	746114	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	385633	20.00	ng		-0.01
63) Phenanthrene-d10	11.26	188	621144	20.00	ng		0.00
75) Chrysene-d12	13.89	240	473550	20.00	ng		-0.01
86) Perylene-d12	15.29	264	339966	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1517687	151.64	ng		0.01
7) Phenol-d6	6.40	99	1987173	147.17	ng		0.00
23) Nitrobenzene-d5	7.31	82	1274662	111.84	ng		-0.01
41) 2,4,6-Tribromophenol	10.58	330	604709	152.59	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1991725	90.69	ng		-0.01
78) Terphenyl-d14	12.85	244	2266226	120.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	217859	42.58	ng		87
3) Pyridine	3.00	79	589931	42.50	ng	#	79
4) n-Nitrosodimethylamine	2.97	42	272780	69.81	ng		82
6) Aniline	6.41	93	633257	41.06	ng	#	1
8) 2-Chlorophenol	6.52	128	601051	48.68	ng	#	80
9) Benzaldehyde	6.28	77	89091	12.78	ng	#	71
10) Phenol	6.41	94	883138	59.35	ng	#	54
11) bis(2-Chloroethyl)ether	6.49	93	667916	54.25	ng		90
12) 1,3-Dichlorobenzene	6.68	146	616363	48.81	ng	#	94
13) 1,4-Dichlorobenzene	6.75	146	608361	45.81	ng	#	87
14) 1,2-Dichlorobenzene	6.91	146	634710m	49.86	ng		
15) Benzyl Alcohol	6.89	79	492949	55.59	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.02	45	840174	68.58	ng		73
17) 2-Methylphenol	7.01	107	525655	55.97	ng	#	80
18) Hexachloroethane	7.25	117	248442	51.40	ng	#	79
19) n-Nitroso-di-n-propylamine	7.16	70	480856	61.60	ng	#	71
20) 3+4-Methylphenols	7.16	107	600427	55.22	ng	#	58
22) Acetophenone	7.16	105	850648	55.42	ng	#	82
24) Nitrobenzene	7.33	77	708281	58.75	ng	#	77
25) Isophorone	7.57	82	1335915	57.76	ng	#	89
26) 2-Nitrophenol	7.64	139	311944	48.30	ng	#	47
27) 2,4-Dimethylphenol	7.70	122	567974	54.32	ng	#	84
28) bis(2-Chloroethoxy)methane	7.79	93	787259	59.85	ng	#	96
29) 2,4-Dichlorophenol	7.89	162	508585	52.53	ng		95
30) 1,2,4-Trichlorobenzene	7.97	180	526185	47.03	ng		99
31) Naphthalene	8.05	128	1729315	49.58	ng		98
32) Benzoic acid	7.79	122	76616	10.09	ng	#	61
33) 4-Chloroaniline	8.10	127	389220	27.62	ng	#	84
34) Hexachlorobutadiene	8.17	225	281208	42.75	ng		98
35) Caprolactam	8.49	113	157155m	52.30	ng		
36) 4-Chloro-3-methylphenol	8.60	107	598817	56.87	ng		86
37) 2-Methylnaphthalene	8.74	142	1074365	47.69	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	552095	52.18	ng		98
40) Hexachlorocyclopentadiene	8.90	237	486823	100.02	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	366255	53.63	ng		100
43) 2,4,5-Trichlorophenol	9.07	196	342822	48.74	ng	#	91
45) 1,1'-Biphenyl	9.21	154	1430254	51.49	ng		93
46) 2-Chloronaphthalene	9.23	162	1132420	53.59	ng	#	91
47) 2-Nitroaniline	9.33	65	429349	72.01	ng	#	80
48) Acenaphthylene	9.64	152	1558607	48.72	ng		95
49) Dimethylphthalate	9.52	163	1690757	65.62	ng	#	97
50) 2,6-Dinitrotoluene	9.57	165	259719	45.64	ng	#	43
51) Acenaphthene	9.81	154	934981	42.43	ng		88
52) 3-Nitroaniline	9.74	138	235750	38.92	ng	#	69
53) 2,4-Dinitrophenol	9.86	184	257700	86.03	ng	#	87
54) Dibenzofuran	9.98	168	1361962	47.90	ng	#	83
55) 4-Nitrophenol	9.93	139	453396	122.73	ng	#	77
56) 2,4-Dinitrotoluene	9.98	165	410246	58.04	ng	#	89
57) Fluorene	10.33	166	1069661	45.93	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.11	232	323951	51.57	ng		95
59) Diethylphthalate	10.21	149	1272778	49.74	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	582254	51.21	ng		93
61) 4-Nitroaniline	10.36	138	292903	48.82	ng	#	44
62) Azobenzene	10.49	77	1546505	61.45	ng		90
64) 4,6-Dinitro-2-methylphenol	10.40	198	189099	45.92	ng	#	64
65) n-Nitrosodiphenylamine	10.44	169	1010843	53.13	ng		90
66) 4-Bromophenyl-phenylether	10.81	248	315468	46.38	ng	#	85
67) Hexachlorobenzene	10.88	284	376735	46.80	ng	#	92
68) Atrazine	10.98	200	332911	56.56	ng		85
69) Pentachlorophenol	11.07	266	390324	90.38	ng		99
70) Phenanthrene	11.29	178	1665500m	52.65	ng		
71) Anthracene	11.34	178	1751609	52.59	ng		97
72) Carbazole	11.49	167	1427963	48.55	ng	#	92
73) Di-n-butylphthalate	11.84	149	2059113	54.31	ng	#	98
74) Fluoranthene	12.48	202	1720536	49.67	ng		88
76) Benzidine	12.60	184	547677	52.97	ng		97
77) Pyrene	12.69	202	1705937	56.92	ng		95
79) Butylbenzylphthalate	13.32	149	797265	58.63	ng	#	80
80) Benzo(a)anthracene	13.88	228	1440148	57.30	ng		95
81) 3,3'-Dichlorobenzidine	13.85	252	321856	32.99	ng		99
82) Chrysene	13.93	228	1523233m	59.92	ng		
83) Bis(2-ethylhexyl)phthalate	13.88	149	1091139	61.62	ng	#	92
84) Di-n-octyl phthalate	14.50	149	1887761	63.49	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.63	276	1055593	46.86	ng	#	95
87) Benzo(b)fluoranthene	14.90	252	1112150	48.65	ng	#	91
88) Benzo(k)fluoranthene	14.93	252	1233561m	68.28	ng		
89) Benzo(a)pyrene	15.24	252	1059924	53.96	ng	#	85
90) Dibenzo(a,h)anthracene	16.64	278	906064	54.49	ng	#	88
91) Benzo(g,h,i)perylene	17.03	276	835144	53.33	ng	#	85

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

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