Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084733.D
Acq On : 2 Feb 2016 2:23
Operator : SJ/IZ
Sample : H1294-03MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP002MSD

Manual Integrations APPROVED
mohammad
2/2/2016 4:18:40 PM

Quant Time: Feb 02 04:04:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	162457	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	643314	20.00	ng		-0.02
38) Acenaphthene-d10	9.76	164	306057	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	550371	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	338781	20.00	ng		-0.01
86) Perylene-d12	15.24	264	298929	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1553737	148.97	ng		0.01
7) Phenol-d6	6.37	99	1921036	148.57	ng		0.00
23) Nitrobenzene-d5	7.29	82	1223543	107.14	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	460540	144.26	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	1884981	120.47	ng		-0.01
78) Terphenyl-d14	12.82	244	1747305	116.87	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	183822	40.24	ng	#	73
3) Pyridine	2.93	79	571631	48.02	ng	#	65
4) n-Nitrosodimethylamine	2.90	42	297083	48.26	ng		85
6) Aniline	6.37	93	524199	33.13	ng	#	65
8) 2-Chlorophenol	6.50	128	544028	46.08	ng		90
9) Benzaldehyde	6.26	77	256386	33.58	ng		91
10) Phenol	6.38	94	788506	54.44	ng		96
11) bis(2-Chloroethyl)ether	6.45	93	517210	45.79	ng	#	81
12) 1,3-Dichlorobenzene	6.65	146	548176m	43.95	ng		
13) 1,4-Dichlorobenzene	6.73	146	558314	44.78	ng		96
14) 1,2-Dichlorobenzene	6.89	146	538596	46.38	ng		95
15) Benzyl Alcohol	6.86	79	437062	48.95	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.00	45	829531	43.66	ng		89
17) 2-Methylphenol	6.99	107	467124	50.03	ng	#	92
18) Hexachloroethane	7.22	117	222466	46.33	ng		91
19) n-Nitroso-di-n-propylamine	7.14	70	374424	46.20	ng	#	74
20) 3+4-Methylphenols	7.14	107	558236	48.17	ng	#	67
22) Acetophenone	7.13	105	793514	46.80	ng		99
24) Nitrobenzene	7.30	77	538309	44.02	ng		94
25) Isophorone	7.55	82	1087646	48.98	ng		96
26) 2-Nitrophenol	7.62	139	297604	49.34	ng	#	86
27) 2,4-Dimethylphenol	7.66	122	483963	46.13	ng		96
28) bis(2-Chloroethoxy)methane	7.76	93	655146	49.73	ng		99
29) 2,4-Dichlorophenol	7.87	162	478235	53.28	ng		93
30) 1,2,4-Trichlorobenzene	7.94	180	470081	46.37	ng		97
31) Naphthalene	8.02	128	1463533	45.35	ng		99
32) Benzoic acid	7.74	122	17891	2.67	ng	#	83
33) 4-Chloroaniline	8.08	127	315159	23.62	ng		96
34) Hexachlorobutadiene	8.14	225	292413	50.02	ng		99
35) Caprolactam	8.45	113	137219m	49.60	ng		
36) 4-Chloro-3-methylphenol	8.58	107	541523	52.88	ng		96
37) 2-Methylnaphthalene	8.72	142	1093482	54.14	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	421576	43.37	ng		98
40) Hexachlorocyclopentadiene	8.86	237	408535	90.41	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	334797	53.46	ng		94
43) 2,4,5-Trichlorophenol	9.04	196	289120	45.44	ng	#	80
45) 1,1'-Biphenyl	9.18	154	1291992	47.26	ng		96
46) 2-Chloronaphthalene	9.21	162	945608	46.97	ng	#	85
47) 2-Nitroaniline	9.30	65	281979	44.24	ng		98
48) Acenaphthylene	9.62	152	1484575	48.59	ng		98
49) Dimethylphthalate	9.49	163	1423950	61.09	ng	#	91
50) 2,6-Dinitrotoluene	9.55	165	259317	50.92	ng	#	71
51) Acenaphthene	9.79	154	953583	47.98	ng		96
52) 3-Nitroaniline	9.71	138	161799	28.28	ng		99
53) 2,4-Dinitrophenol	9.82	184	101638	45.91	ng		94
54) Dibenzofuran	9.96	168	1322898	54.46	ng		97
55) 4-Nitrophenol	9.89	139	313201	74.47	ng	#	79
56) 2,4-Dinitrotoluene	9.95	165	292549	45.04	ng	#	80
57) Fluorene	10.30	166	1031925	50.87	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	239266	49.40	ng		91
59) Diethylphthalate	10.19	149	1144716	50.29	ng		97
60) 4-Chlorophenyl-phenylether	10.29	204	422244	50.42	ng		94
61) 4-Nitroaniline	10.33	138	232730	41.74	ng		92
62) Azobenzene	10.45	77	1125962	51.44	ng		91
64) 4,6-Dinitro-2-methylphenol	10.36	198	175905	51.78	ng		86
65) n-Nitrosodiphenylamine	10.42	169	914519	52.33	ng		98
66) 4-Bromophenyl-phenylether	10.78	248	317692	52.26	ng	#	93
67) Hexachlorobenzene	10.84	284	299572	45.23	ng	#	83
68) Atrazine	10.94	200	267791	48.52	ng		98
69) Pentachlorophenol	11.05	266	302735	97.25	ng		98
70) Phenanthrene	11.25	178	1311018	42.95	ng		97
71) Anthracene	11.31	178	1568936	51.01	ng		99
72) Carbazole	11.47	167	1363863	50.85	ng		98
73) Di-n-butylphthalate	11.80	149	1458825	42.72	ng	#	96
74) Fluoranthene	12.44	202	1506614	48.76	ng		94
76) Benzidine	12.57	184	535848	45.94	ng		98
77) Pyrene	12.67	202	1449033	55.87	ng		99
79) Butylbenzylphthalate	13.30	149	625139	53.13	ng	#	82
80) Benzo(a)anthracene	13.85	228	984282	46.81	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	180685	24.27	ng	#	95
82) Chrysene	13.88	228	918154	45.03	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	798661	54.54	ng	#	96
84) Di-n-octyl phthalate	14.46	149	1164110	48.19	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.55	276	970081	60.44	ng		99
87) Benzo(b)fluoranthene	14.85	252	1076169m	53.58	ng		
88) Benzo(k)fluoranthene	14.89	252	647761m	39.01	ng		
89) Benzo(a)pyrene	15.19	252	817035	47.74	ng	#	97
90) Dibenzo(a,h)anthracene	16.56	278	802127	55.68	ng		99
91) Benzo(g,h,i)perylene	16.95	276	835899	57.60	ng		97

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

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