Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
Data File : BF084806.D
Acq On : 4 Feb 2016 1:20
Operator : SJ/IZ
Sample : H1331-05MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MSD

Manual Integrations APPROVED
mohammad
2/4/2016 2:05:03 PM

Quant Time: Feb 04 04:47:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	181734	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	741826	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	343214	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	659002	20.00	ng		0.00
75) Chrysene-d12	13.84	240	475548	20.00	ng		0.00
86) Perylene-d12	15.21	264	382523	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1358275	116.41	ng		0.01
7) Phenol-d6	6.35	99	1878454	129.87	ng		0.01
23) Nitrobenzene-d5	7.26	82	1204447	91.46	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	470813	131.51	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1791621	89.49	ng		0.00
78) Terphenyl-d14	12.80	244	1908110	90.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	178789	34.98	ng	#	76
3) Pyridine	2.91	79	526604	39.55	ng	#	75
4) n-Nitrosodimethylamine	2.86	42	276037	40.08	ng		79
6) Aniline	6.35	93	469159	26.51	ng	#	65
8) 2-Chlorophenol	6.48	128	531377	40.24	ng		94
9) Benzaldehyde	6.22	77	194588	22.78	ng		92
10) Phenol	6.36	94	733979	45.30	ng		95
11) bis(2-Chloroethyl)ether	6.43	93	474863	37.58	ng	#	81
12) 1,3-Dichlorobenzene	6.62	146	510982	36.62	ng	#	93
13) 1,4-Dichlorobenzene	6.70	146	530366	38.02	ng		95
14) 1,2-Dichlorobenzene	6.86	146	465754m	35.85	ng		
15) Benzyl Alcohol	6.84	79	407567	40.81	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.98	45	755408	35.54	ng		89
17) 2-Methylphenol	6.97	107	437246	41.86	ng	#	92
18) Hexachloroethane	7.20	117	198520	36.96	ng		93
19) n-Nitroso-di-n-propylamine	7.12	70	345015	38.05	ng	#	74
20) 3+4-Methylphenols	7.12	107	532288	41.06	ng	#	67
22) Acetophenone	7.10	105	747977	38.26	ng	#	99
24) Nitrobenzene	7.28	77	489017	34.68	ng		95
25) Isophorone	7.53	82	1007495	39.35	ng		96
26) 2-Nitrophenol	7.60	139	284156	40.86	ng	#	87
27) 2,4-Dimethylphenol	7.65	122	462134	38.20	ng		89
28) bis(2-Chloroethoxy)methane	7.74	93	618311	40.70	ng	#	97
29) 2,4-Dichlorophenol	7.85	162	443902	42.89	ng		94
30) 1,2,4-Trichlorobenzene	7.92	180	430870	36.85	ng		97
31) Naphthalene	8.00	128	1372385	36.88	ng		99
32) Benzoic acid	7.76	122	81023	10.47	ng		96
33) 4-Chloroaniline	8.05	127	241883	15.72	ng		95
34) Hexachlorobutadiene	8.12	225	257972	38.27	ng		98
35) Caprolactam	8.43	113	136369m	42.74	ng		
36) 4-Chloro-3-methylphenol	8.56	107	500906	42.42	ng		98
37) 2-Methylnaphthalene	8.69	142	1035361	44.46	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	384852	35.31	ng		99
40) Hexachlorocyclopentadiene	8.84	237	374169	78.40	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	304759	43.40	ng		93
43) 2,4,5-Trichlorophenol	9.02	196	288972	40.50	ng		96
45) 1,1'-Biphenyl	9.16	154	1167766	38.09	ng		96
46) 2-Chloronaphthalene	9.17	162	863499	38.25	ng		96
47) 2-Nitroaniline	9.28	65	280144	39.19	ng		98
48) Acenaphthylene	9.60	152	1340279	39.12	ng		99
49) Dimethylphthalate	9.47	163	1317869	50.41	ng	#	90
50) 2,6-Dinitrotoluene	9.53	165	243826	42.70	ng	#	71
51) Acenaphthene	9.77	154	869548	39.01	ng		96
52) 3-Nitroaniline	9.69	138	162274	25.29	ng		99
53) 2,4-Dinitrophenol	9.80	184	149128	58.28	ng	#	87
54) Dibenzofuran	9.94	168	1195530	43.89	ng		99
55) 4-Nitrophenol	9.88	139	365499	77.50	ng		83
56) 2,4-Dinitrotoluene	9.93	165	273009	37.48	ng	#	76
57) Fluorene	10.27	166	878651	38.63	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	236941	43.62	ng		91
59) Diethylphthalate	10.17	149	1063680	41.67	ng		98
60) 4-Chlorophenyl-phenylether	10.27	204	414711	43.08	ng		95
61) 4-Nitroaniline	10.30	138	253879	40.60	ng		92
62) Azobenzene	10.43	77	1084053	44.17	ng		92
64) 4,6-Dinitro-2-methylphenol	10.34	198	179618	44.16	ng		96
65) n-Nitrosodiphenylamine	10.40	169	873039	41.72	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	296785	40.77	ng		96
67) Hexachlorobenzene	10.82	284	291537	36.76	ng	#	86
68) Atrazine	10.92	200	283986	42.97	ng		97
69) Pentachlorophenol	11.02	266	304470	81.69	ng		99
70) Phenanthrene	11.23	178	1312730	35.92	ng		97
71) Anthracene	11.29	178	1492378	40.52	ng		99
72) Carbazole	11.45	167	1366695	42.56	ng		98
73) Di-n-butylphthalate	11.78	149	1424675	34.84	ng	#	97
74) Fluoranthene	12.42	202	1433537	38.75	ng		92
76) Benzidine	12.54	184	692580	41.61	ng		98
77) Pyrene	12.64	202	1361691	37.40	ng		99
79) Butylbenzylphthalate	13.28	149	683591	41.39	ng	#	84
80) Benzo(a)anthracene	13.83	228	1148922	38.93	ng		98
81) 3,3'-Dichlorobenzidine	13.79	252	194381	18.60	ng	#	93
82) Chrysene	13.86	228	1045340	36.52	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	868087	42.23	ng	#	97
84) Di-n-octyl phthalate	14.44	149	1332105	39.28	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.50	276	882761	39.18	ng		98
87) Benzo(b)fluoranthene	14.83	252	924710m	35.98	ng		
88) Benzo(k)fluoranthene	14.85	252	944753m	44.46	ng		
89) Benzo(a)pyrene	15.15	252	870306	39.74	ng	#	96
90) Dibenzo(a,h)anthracene	16.51	278	727548	39.47	ng		98
91) Benzo(g,h,i)perylene	16.89	276	744787	40.11	ng		98

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

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