Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
Data File : BF084795.D
Acq On : 3 Feb 2016 20:10
Operator : SJ/IZ
Sample : PB88152BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88152BS

Manual Integrations APPROVED
mohammad
2/4/2016 2:04:40 PM

Quant Time: Feb 04 03:45:25 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	163175	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	693491	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	329687	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	641047	20.00	ng		0.00
75) Chrysene-d12	13.84	240	468600	20.00	ng		0.00
86) Perylene-d12	15.21	264	351735	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1131195	107.98	ng		0.01
7) Phenol-d6	6.34	99	1534997	118.19	ng		0.00
23) Nitrobenzene-d5	7.26	82	985557	80.06	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	441999	128.53	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1684198	86.55	ng		0.00
78) Terphenyl-d14	12.80	244	1733274	83.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	151102	32.93	ng	#	78
3) Pyridine	2.91	79	465707	38.95	ng	#	72
4) n-Nitrosodimethylamine	2.86	42	238713	38.60	ng		83
6) Aniline	6.35	93	373489	23.50	ng	#	49
8) 2-Chlorophenol	6.48	128	490726	41.38	ng		97
9) Benzaldehyde	6.22	77	165495	21.58	ng		91
10) Phenol	6.36	94	517679	35.58	ng		89
11) bis(2-Chloroethyl)ether	6.43	93	436517m	38.48	ng		
12) 1,3-Dichlorobenzene	6.62	146	483921	38.63	ng	#	94
13) 1,4-Dichlorobenzene	6.70	146	498282	39.78	ng		95
14) 1,2-Dichlorobenzene	6.85	146	428542	36.74	ng		95
15) Benzyl Alcohol	6.84	79	374197	41.73	ng		89
16) 2,2'-oxybis(1-Chloropropan	6.98	45	696260	36.48	ng		88
17) 2-Methylphenol	6.97	107	405450	43.23	ng		95
18) Hexachloroethane	7.20	117	183962	38.14	ng		95
19) n-Nitroso-di-n-propylamine	7.12	70	331157	40.68	ng	#	77
20) 3+4-Methylphenols	7.12	107	484417	41.62	ng	#	74
22) Acetophenone	7.10	105	665540	36.41	ng		99
24) Nitrobenzene	7.28	77	456801	34.65	ng		96
25) Isophorone	7.52	82	910262	38.03	ng		97
26) 2-Nitrophenol	7.60	139	265249	40.80	ng	#	89
27) 2,4-Dimethylphenol	7.64	122	436191	38.57	ng		96
28) bis(2-Chloroethoxy)methane	7.73	93	544043	38.31	ng		99
29) 2,4-Dichlorophenol	7.85	162	389159	40.22	ng		92
30) 1,2,4-Trichlorobenzene	7.92	180	393073	35.97	ng		97
31) Naphthalene	8.00	128	1286543	36.98	ng		99
32) Benzoic acid	7.79	122	281753	38.95	ng		97
33) 4-Chloroaniline	8.05	127	160203	11.14	ng		95
34) Hexachlorobutadiene	8.12	225	238826	37.90	ng		98
35) Caprolactam	8.43	113	124303m	41.68	ng		
36) 4-Chloro-3-methylphenol	8.56	107	470719	42.64	ng		100
37) 2-Methylnaphthalene	8.69	142	943314	43.33	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	354868	33.89	ng		99
40) Hexachlorocyclopentadiene	8.84	237	361510	78.72	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	273748	40.58	ng		94
43) 2,4,5-Trichlorophenol	9.02	196	274773	40.09	ng		94
45) 1,1'-Biphenyl	9.15	154	1047807	35.58	ng		97
46) 2-Chloronaphthalene	9.17	162	772920	35.64	ng		96
47) 2-Nitroaniline	9.28	65	250913	36.54	ng		99
48) Acenaphthylene	9.58	152	1241819	37.74	ng		98
49) Dimethylphthalate	9.47	163	1027351	40.91	ng	#	91
50) 2,6-Dinitrotoluene	9.53	165	239781	43.71	ng	#	85
51) Acenaphthene	9.76	154	782749	36.56	ng		99
52) 3-Nitroaniline	9.69	138	107882	17.50	ng		100
53) 2,4-Dinitrophenol	9.80	184	205590	81.12	ng	#	85
54) Dibenzofuran	9.94	168	1163183	44.45	ng		99
55) 4-Nitrophenol	9.87	139	309627	68.35	ng	#	74
56) 2,4-Dinitrotoluene	9.93	165	262392	37.50	ng	#	79
57) Fluorene	10.27	166	845706	38.70	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	228466	43.79	ng		90
59) Diethylphthalate	10.17	149	1015004	41.40	ng		97
60) 4-Chlorophenyl-phenylether	10.27	204	393054	42.39	ng		95
61) 4-Nitroaniline	10.30	138	206210	34.33	ng		94
62) Azobenzene	10.43	77	1053159	44.67	ng		92
64) 4,6-Dinitro-2-methylphenol	10.34	198	175256	44.30	ng		82
65) n-Nitrosodiphenylamine	10.40	169	839678	41.25	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	285938	40.38	ng		99
67) Hexachlorobenzene	10.82	284	288915	37.45	ng	#	89
68) Atrazine	10.92	200	252457	39.27	ng		98
69) Pentachlorophenol	11.02	266	286242	78.95	ng		99
70) Phenanthrene	11.23	178	1260048	35.44	ng		97
71) Anthracene	11.29	178	1416536	39.54	ng		99
72) Carbazole	11.45	167	1302221	41.68	ng		98
73) Di-n-butylphthalate	11.78	149	1402637	35.27	ng	#	96
74) Fluoranthene	12.42	202	1432326	39.80	ng		93
76) Benzidine	12.55	184	468864	28.50	ng		97
77) Pyrene	12.64	202	1357151	37.83	ng		100
79) Butylbenzylphthalate	13.28	149	669168	41.11	ng	#	86
80) Benzo(a)anthracene	13.83	228	1151737	39.60	ng		98
81) 3,3'-Dichlorobenzidine	13.79	252	174344	16.93	ng	#	94
82) Chrysene	13.86	228	1026065	36.38	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	846688	41.80	ng	#	97
84) Di-n-octyl phthalate	14.44	149	1301222	38.94	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.50	276	854121	38.48	ng		99
87) Benzo(b)fluoranthene	14.83	252	894584m	37.85	ng		
88) Benzo(k)fluoranthene	14.85	252	881384m	45.11	ng		
89) Benzo(a)pyrene	15.15	252	833796	41.41	ng	#	96
90) Dibenzo(a,h)anthracene	16.51	278	705111	41.60	ng		98
91) Benzo(g,h,i)perylene	16.89	276	728707	42.68	ng		99

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

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