Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082185.D
Acq On : 10 Oct 2015 19:39
Operator : UM/IZ
Sample : G3979-09MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A13COMPMSD

Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:31 PM

Quant Time: Oct 12 02:49:23 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 01:46:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	95624m	20.00	ng	0.01
21) Naphthalene-d8	8.13	136	388090	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	201718	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	380359	20.00	ng	0.00
75) Chrysene-d12	14.01	240	331545	20.00	ng	0.00
86) Perylene-d12	15.44	264	258527	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	619455	130.74	ng	0.02
7) Phenol-d6	6.48	99	821012	133.16	ng	0.00
23) Nitrobenzene-d5	7.42	82	586737	101.53	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	270665	143.08	ng	0.01
44) 2-Fluorobiphenyl	9.21	172	1222860	100.53	ng	0.00
78) Terphenyl-d14	12.96	244	1221446	97.63	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.61	88	85569	35.94	ng	# 85
3) Pyridine	3.30	79	130203	23.52	ng	96
4) n-Nitrosodimethylamine	3.23	42	104816	44.64	ng	98
6) Aniline	6.51	93	101686m	12.79	ng	
8) 2-Chlorophenol	6.63	128	270585	46.78	ng	92
9) Benzaldehyde	6.39	77	81119	25.76	ng	100
10) Phenol	6.49	94	260651	36.67	ng	96
11) bis(2-Chloroethyl)ether	6.58	93	282841	47.05	ng	95
12) 1,3-Dichlorobenzene	6.78	146	285016m	42.31	ng	
13) 1,4-Dichlorobenzene	6.86	146	301842	42.91	ng	99
14) 1,2-Dichlorobenzene	7.01	146	263317	39.42	ng	99
15) Benzyl Alcohol	6.99	79	208343	48.95	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	376381	44.96	ng	94
17) 2-Methylphenol	7.11	107	216271	47.28	ng	97
18) Hexachloroethane	7.35	117	101948	42.34	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	193444	44.68	ng	98
20) 3+4-Methylphenols	7.26	107	253854	46.58	ng	96
22) Acetophenone	7.26	105	364468	47.48	ng	98
24) Nitrobenzene	7.43	77	261765	41.85	ng	98
25) Isophorone	7.67	82	534953	45.86	ng	99
26) 2-Nitrophenol	7.75	139	158631	50.79	ng	99
27) 2,4-Dimethylphenol	7.78	122	238970	47.49	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	341179	50.27	ng	100
29) 2,4-Dichlorophenol	7.99	162	260901	51.86	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	260269	44.89	ng	98
31) Naphthalene	8.15	128	776510	46.16	ng	99
32) Benzoic acid	7.93	122	164155	48.60	ng	95
33) 4-Chloroaniline	8.22	127	39615	5.67	ng	97
34) Hexachlorobutadiene	8.26	225	163864	45.35	ng	97
35) Caprolactam	8.58	113	61916m	42.41	ng	
36) 4-Chloro-3-methylphenol	8.70	107	257834	52.41	ng	87
37) 2-Methylnaphthalene	8.85	142	567424	48.65	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	264376	44.06	ng	98
40) Hexachlorocyclopentadiene	8.99	237	285680	92.63	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	176468	44.28	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	196515	45.52	ng	#	91
45) 1,1'-Biphenyl	9.30	154	673376	43.78	ng		99
46) 2-Chloronaphthalene	9.34	162	561811	46.40	ng		100
47) 2-Nitroaniline	9.44	65	163329	49.13	ng	#	66
48) Acenaphthylene	9.75	152	850082	45.07	ng		99
49) Dimethylphthalate	9.61	163	657847	46.31	ng		100
50) 2,6-Dinitrotoluene	9.68	165	151363	50.50	ng		94
51) Acenaphthene	9.92	154	512744	45.28	ng		100
52) 3-Nitroaniline	9.85	138	41690	12.31	ng		99
53) 2,4-Dinitrophenol	9.95	184	165885	97.52	ng	#	82
54) Dibenzofuran	10.09	168	728889	46.88	ng		99
55) 4-Nitrophenol	10.02	139	190637	81.05	ng		98
56) 2,4-Dinitrotoluene	10.08	165	176585	47.14	ng	#	86
57) Fluorene	10.43	166	585082	45.82	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	167431	47.47	ng		98
59) Diethylphthalate	10.31	149	617118	46.61	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	267970	45.81	ng		99
61) 4-Nitroaniline	10.47	138	126255	38.45	ng		99
62) Azobenzene	10.58	77	596841	46.06	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	108773	50.96	ng		83
65) n-Nitrosodiphenylamine	10.55	169	459993	40.39	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	174311	45.79	ng		96
67) Hexachlorobenzene	10.98	284	199278	48.41	ng		95
68) Atrazine	11.07	200	109948	30.47	ng		98
69) Pentachlorophenol	11.18	266	221635	104.62	ng		99
70) Phenanthrene	11.39	178	843254	45.23	ng		100
71) Anthracene	11.45	178	988761	51.47	ng		99
72) Carbazole	11.60	167	724462	41.34	ng		100
73) Di-n-butylphthalate	11.93	149	1006890	46.57	ng		100
74) Fluoranthene	12.58	202	920714	45.98	ng		98
76) Benzidine	12.72	184	62798	6.54	ng		99
77) Pyrene	12.81	202	908569	46.18	ng		100
79) Butylbenzylphthalate	13.43	149	419930	46.77	ng		97
80) Benzo(a)anthracene	14.00	228	822809	47.70	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	73533	11.23	ng		99
82) Chrysene	14.04	228	787064	43.30	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	631587	49.30	ng		99
84) Di-n-octyl phthalate	14.61	149	1068214	48.55	ng		99
85) Indeno(1,2,3-cd)pyrene	16.86	276	670345	46.40	ng		99
87) Benzo(b)fluoranthene	15.03	252	840045	53.41	ng		99
88) Benzo(k)fluoranthene	15.06	252	607861m	45.98	ng		
89) Benzo(a)pyrene	15.38	252	684933	50.67	ng		98
90) Dibenzo(a,h)anthracene	16.88	278	570265	51.48	ng	#	96
91) Benzo(g,h,i)perylene	17.28	276	539415	50.13	ng		99

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

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