Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082287.D
Acq On : 14 Oct 2015 19:10
Operator : UM/IZ
Sample : G4016-10MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-11MSD

Manual Integrations APPROVED
MMdadoda
10/15/2015 4:55:42 PM

Quant Time: Oct 15 03:51:12 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 01:42:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	77627	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	314237	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	158331	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	298955	20.00	ng		0.00
75) Chrysene-d12	14.07	240	236567	20.00	ng		-0.06
86) Perylene-d12	15.62	264	186393	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	380674	98.97	ng		0.02
7) Phenol-d6	6.47	99	944646	188.73	ng		0.00
23) Nitrobenzene-d5	7.41	82	872075	186.37	ng		0.01
41) 2,4,6-Tribromophenol	10.66	330	27735	18.68	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	1633386	171.08	ng		0.00
78) Terphenyl-d14	12.97	244	1765530	197.77	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	62891	32.54	ng		93
3) Pyridine	3.14	79	162046	36.05	ng		96
4) n-Nitrosodimethylamine	3.11	42	79530	41.72	ng		96
6) Aniline	6.49	93	122980	19.06	ng	#	90
8) 2-Chlorophenol	6.61	128	105471	22.46	ng		84
9) Benzaldehyde	6.37	77	101451	39.69	ng		91
10) Phenol	6.48	94	190255	32.97	ng		85
11) bis(2-Chloroethyl)ether	6.56	93	207709	42.56	ng		89
12) 1,3-Dichlorobenzene	6.77	146	240245m	43.93	ng		
13) 1,4-Dichlorobenzene	6.85	146	246252	43.12	ng		96
14) 1,2-Dichlorobenzene	6.99	146	239633	44.19	ng		96
15) Benzyl Alcohol	6.97	79	164567	47.63	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	314679	46.30	ng		97
17) 2-Methylphenol	7.09	107	155968	42.01	ng		97
18) Hexachloroethane	7.34	117	85245	43.61	ng	#	82
19) n-Nitroso-di-n-propylamine	7.25	70	146353	41.64	ng	#	85
20) 3+4-Methylphenols	7.25	107	180923	40.89	ng		98
22) Acetophenone	7.25	105	293957	47.29	ng	#	92
24) Nitrobenzene	7.42	77	223710	44.17	ng		99
25) Isophorone	7.66	82	426348	45.14	ng	#	92
26) 2-Nitrophenol	7.73	139	5291	2.09	ng	#	79
27) 2,4-Dimethylphenol	7.77	122	192578	47.26	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	246897	44.93	ng		97
29) 2,4-Dichlorophenol	7.98	162	63731	15.65	ng		96
30) 1,2,4-Trichlorobenzene	8.06	180	214830	45.76	ng		97
31) Naphthalene	8.14	128	653854	48.00	ng		100
33) 4-Chloroaniline	8.19	127	125427	22.17	ng	#	94
34) Hexachlorobutadiene	8.25	225	136106	46.53	ng		99
35) Caprolactam	8.54	113	53107	44.92	ng	#	77
36) 4-Chloro-3-methylphenol	8.69	107	147005	36.91	ng	#	84
37) 2-Methylnaphthalene	8.82	142	445815	47.21	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	225872	47.96	ng		99
40) Hexachlorocyclopentadiene	8.98	237	177072	74.90	ng		99
42) 2,4,6-Trichlorophenol	9.11	196	7104	2.27	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.15	196	17049	5.03	ng	#	92
45) 1,1'-Biphenyl	9.29	154	527653	43.70	ng		99
46) 2-Chloronaphthalene	9.33	162	438458	46.13	ng		98
47) 2-Nitroaniline	9.42	65	125453	48.08	ng		99
48) Acenaphthylene	9.74	152	733523	49.54	ng		99
49) Dimethylphthalate	9.60	163	658763	59.09	ng		100
50) 2,6-Dinitrotoluene	9.67	165	130986	55.68	ng		96
51) Acenaphthene	9.91	154	426918	48.03	ng		99
52) 3-Nitroaniline	9.84	138	103419	38.92	ng		92
54) Dibenzofuran	10.08	168	664280	54.43	ng		97
56) 2,4-Dinitrotoluene	10.07	165	168432	57.28	ng		89
57) Fluorene	10.42	166	516122	51.49	ng		99
59) Diethylphthalate	10.30	149	550396	52.96	ng		99
60) 4-Chlorophenyl-phenylether	10.41	204	215758	46.99	ng		98
61) 4-Nitroaniline	10.45	138	126131	48.94	ng		93
62) Azobenzene	10.57	77	499286	49.09	ng		99
65) n-Nitrosodiphenylamine	10.54	169	461578	51.57	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	142270	47.55	ng		95
67) Hexachlorobenzene	10.97	284	164623	50.88	ng		97
68) Atrazine	11.06	200	145567	51.33	ng		99
70) Phenanthrene	11.38	178	702932	47.97	ng		100
71) Anthracene	11.44	178	818379	54.20	ng		100
72) Carbazole	11.60	167	720761	52.32	ng		98
73) Di-n-butylphthalate	11.93	149	833413	49.04	ng	#	97
74) Fluoranthene	12.58	202	790716	50.24	ng		96
76) Benzidine	12.71	184	288642	42.10	ng		98
77) Pyrene	12.81	202	779277	55.51	ng		99
79) Butylbenzylphthalate	13.45	149	333946	52.12	ng		97
80) Benzo(a)anthracene	14.06	228	591066	48.02	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	122067	26.13	ng		99
82) Chrysene	14.10	228	631885	48.72	ng		99
83) Bis(2-ethylhexyl)phthalate	14.06	149	459921	50.32	ng	#	98
84) Di-n-octyl phthalate	14.74	149	704754	44.90	ng	#	89
85) Indeno(1,2,3-cd)pyrene	17.08	276	539658	52.35	ng		99
87) Benzo(b)fluoranthene	15.20	252	462990m	40.83	ng		
88) Benzo(k)fluoranthene	15.24	252	513189m	53.84	ng		
89) Benzo(a)pyrene	15.57	252	466743	47.89	ng		99
90) Dibenzo(a,h)anthracene	17.09	278	440170	55.11	ng		97
91) Benzo(g,h,i)perylene	17.51	276	451639	58.21	ng		98

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

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