Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082301.D
Acq On : 15 Oct 2015 11:05
Operator : UM/IZ
Sample : G4015-05MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-1MS

Manual Integrations APPROVED
MMdadoda
10/16/2015 4:15:48 PM

Quant Time: Oct 16 01:40:22 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 01:04:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	79498	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	315607	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	156820	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	268697	20.00	ng		0.00
75) Chrysene-d12	14.08	240	159859	20.00	ng		-0.01
86) Perylene-d12	15.66	264	147328	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	98839	25.09	ng		0.00
7) Phenol-d6	6.46	99	311710	60.81	ng		-0.01
23) Nitrobenzene-d5	7.39	82	340903	72.54	ng		-0.01
41) 2,4,6-Tribromophenol	10.66	330	12948	8.80	ng		-0.01
44) 2-Fluorobiphenyl	9.19	172	701610	74.20	ng		-0.01
78) Terphenyl-d14	12.97	244	540800	89.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	48019	24.26	ng		96
3) Pyridine	3.12	79	135250	29.38	ng		99
4) n-Nitrosodimethylamine	3.07	42	54996	28.17	ng		98
6) Aniline	6.48	93	101455	15.35	ng	#	68
8) 2-Chlorophenol	6.61	128	53051	11.03	ng		92
9) Benzaldehyde	6.37	77	69187	26.43	ng		96
10) Phenol	6.48	94	109629	18.55	ng	#	61
11) bis(2-Chloroethyl)ether	6.56	93	160236	32.06	ng		98
12) 1,3-Dichlorobenzene	6.77	146	173152m	30.92	ng		
13) 1,4-Dichlorobenzene	6.85	146	177572	30.36	ng		96
14) 1,2-Dichlorobenzene	6.99	146	190414	34.29	ng		96
15) Benzyl Alcohol	6.97	79	131034	37.03	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	232765	33.44	ng		99
17) 2-Methylphenol	7.09	107	102236	26.89	ng		99
18) Hexachloroethane	7.34	117	61933	30.94	ng	#	81
19) n-Nitroso-di-n-propylamine	7.25	70	119201	33.11	ng		96
20) 3+4-Methylphenols	7.25	107	113573	25.06	ng	#	87
22) Acetophenone	7.23	105	214752	34.40	ng	#	92
24) Nitrobenzene	7.42	77	165917	32.62	ng	#	87
25) Isophorone	7.65	82	282965	29.83	ng		96
26) 2-Nitrophenol	7.73	139	10235	4.03	ng	#	72
27) 2,4-Dimethylphenol	7.77	122	96661	23.62	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	179747	32.57	ng		97
29) 2,4-Dichlorophenol	7.98	162	31852	7.79	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	156189	33.12	ng		98
31) Naphthalene	8.14	128	483426	35.34	ng		99
33) 4-Chloroaniline	8.19	127	95997	16.90	ng		95
34) Hexachlorobutadiene	8.25	225	101123	34.42	ng		95
35) Caprolactam	8.54	113	36703	30.91	ng		98
36) 4-Chloro-3-methylphenol	8.67	107	73807	18.45	ng		93
37) 2-Methylnaphthalene	8.83	142	307991	32.47	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	158788	34.04	ng		100
40) Hexachlorocyclopentadiene	8.98	237	82435	39.61	ng		99
42) 2,4,6-Trichlorophenol	9.11	196	8446	2.73	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.15	196	13871	4.13	ng	#	88
45) 1,1'-Biphenyl	9.29	154	384353	32.14	ng		99
46) 2-Chloronaphthalene	9.31	162	298215	31.68	ng	#	92
47) 2-Nitroaniline	9.42	65	87658	33.92	ng		96
48) Acenaphthylene	9.74	152	489473	33.38	ng		99
49) Dimethylphthalate	9.60	163	457118	41.39	ng		99
50) 2,6-Dinitrotoluene	9.67	165	78159	33.54	ng	#	84
51) Acenaphthene	9.91	154	296413	33.67	ng		98
52) 3-Nitroaniline	9.84	138	75464	28.67	ng		90
54) Dibenzofuran	10.08	168	447017	36.98	ng		97
56) 2,4-Dinitrotoluene	10.07	165	107586	36.94	ng	#	80
57) Fluorene	10.42	166	349686	35.22	ng		99
59) Diethylphthalate	10.30	149	371005	36.04	ng		98
60) 4-Chlorophenyl-phenylether	10.41	204	151546	33.33	ng		96
61) 4-Nitroaniline	10.45	138	81177	31.80	ng		96
62) Azobenzene	10.57	77	330892	32.85	ng		100
65) n-Nitrosodiphenylamine	10.54	169	314136	39.05	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	94362	35.09	ng		93
67) Hexachlorobenzene	10.97	284	109060	37.50	ng	#	91
68) Atrazine	11.06	200	97128	38.11	ng		97
70) Phenanthrene	11.38	178	476692	36.19	ng		99
71) Anthracene	11.44	178	505260	37.23	ng		99
72) Carbazole	11.60	167	432655	34.95	ng		99
73) Di-n-butylphthalate	11.93	149	555728	36.39	ng		99
74) Fluoranthene	12.58	202	419683	29.67	ng		98
76) Benzidine	12.72	184	100507	21.70	ng	#	90
77) Pyrene	12.82	202	391515	41.27	ng		98
79) Butylbenzylphthalate	13.46	149	167131	38.60	ng		91
80) Benzo(a)anthracene	14.07	228	293959	35.34	ng		99
81) 3,3'-Dichlorobenzidine	14.04	252	67482	21.37	ng	#	96
82) Chrysene	14.12	228	299355	34.16	ng		99
83) Bis(2-ethylhexyl)phthalate	14.06	149	216207	35.00	ng		99
84) Di-n-octyl phthalate	14.76	149	342011	32.24	ng	#	78
85) Indeno(1,2,3-cd)pyrene	17.13	276	355404	51.02	ng		98
87) Benzo(b)fluoranthene	15.22	252	287548m	32.08	ng		
88) Benzo(k)fluoranthene	15.25	252	281554m	37.37	ng		
89) Benzo(a)pyrene	15.59	252	265768	34.50	ng	#	76
90) Dibenzo(a,h)anthracene	17.14	278	295510	46.81	ng	#	95
91) Benzo(g,h,i)perylene	17.57	276	295396	48.17	ng		98

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

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