Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082328.D
Acq On : 16 Oct 2015 16:23
Operator : UM/IZ
Sample : G4051-02MS 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK1-1-20151015MS

Manual Integrations APPROVED
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10/19/2015 5:32:11 PM

Quant Time: Oct 17 05:58:22 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 17 01:08:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	53162	20.00	ng		0.03
21) Naphthalene-d8	8.16	136	236964	20.00	ng		0.03
38) Acenaphthene-d10	9.91	164	126001	20.00	ng		0.02
63) Phenanthrene-d10	11.39	188	273091	20.00	ng		0.02
75) Chrysene-d12	14.13	240	265958	20.00	ng		0.06
86) Perylene-d12	15.70	264	227615	20.00	ng		0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	31106	11.81	ng		0.05
7) Phenol-d6	6.51	99	42849	12.50	ng		0.03
23) Nitrobenzene-d5	7.44	82	25911	7.34	ng		0.02
41) 2,4,6-Tribromophenol	10.71	330	15332	12.98	ng		0.02
44) 2-Fluorobiphenyl	9.23	172	67179	8.84	ng		0.02
78) Terphenyl-d14	13.00	244	87474	8.72	ng		0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	5195	3.93	ng	#	80
3) Pyridine	3.27	79	8487m	2.76	ng		
8) 2-Chlorophenol	6.66	128	11709	3.64	ng		94
9) Benzaldehyde	6.42	77	4259	2.43	ng		100
10) Phenol	6.53	94	14541	3.68	ng		91
11) bis(2-Chloroethyl)ether	6.61	93	11677	3.49	ng		99
12) 1,3-Dichlorobenzene	6.81	146	14233	3.80	ng		96
13) 1,4-Dichlorobenzene	6.89	146	14387	3.68	ng		99
14) 1,2-Dichlorobenzene	7.04	146	15350	4.13	ng		93
15) Benzyl Alcohol	7.02	79	8909	3.76	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	19040	4.09	ng		91
17) 2-Methylphenol	7.13	107	9622	3.78	ng	#	90
18) Hexachloroethane	7.38	117	4933	3.69	ng		89
19) n-Nitroso-di-n-propylamine	7.28	70	8874	3.69	ng	#	89
20) 3+4-Methylphenols	7.29	107	13459	4.44	ng	#	83
22) Acetophenone	7.28	105	16607	3.54	ng	#	93
24) Nitrobenzene	7.45	77	12049	3.15	ng	#	89
25) Isophorone	7.69	82	27233	3.82	ng		96
26) 2-Nitrophenol	7.78	139	4841	2.54	ng		97
27) 2,4-Dimethylphenol	7.82	122	11278	3.67	ng		94
28) bis(2-Chloroethoxy)methane	7.91	93	15058	3.63	ng		97
29) 2,4-Dichlorophenol	8.03	162	10739	3.50	ng		95
30) 1,2,4-Trichlorobenzene	8.10	180	11707	3.31	ng		94
31) Naphthalene	8.18	128	44229	4.31	ng		97
34) Hexachlorobutadiene	8.30	225	7263	3.29	ng		97
35) Caprolactam	8.56	113	3508	3.94	ng	#	89
36) 4-Chloro-3-methylphenol	8.72	107	11487	3.82	ng		85
37) 2-Methylnaphthalene	8.87	142	29574	4.15	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	12897	3.44	ng		96
40) Hexachlorocyclopentadiene	9.02	237	643	8.61	ng		90
42) 2,4,6-Trichlorophenol	9.15	196	8575	3.44	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	10095	3.74	ng		95
45) 1,1'-Biphenyl	9.34	154	34274	3.57	ng		96
46) 2-Chloronaphthalene	9.36	162	28734	3.80	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	9.46	65	6692	3.22	ng		91
48) Acenaphthylene	9.77	152	63601	5.40	ng		98
49) Dimethylphthalate	9.63	163	43971	4.96	ng	#	97
50) 2,6-Dinitrotoluene	9.70	165	5800	3.10	ng		90
51) Acenaphthene	9.94	154	34543	4.88	ng		97
52) 3-Nitroaniline	9.89	138	5224	2.47	ng	#	94
54) Dibenzofuran	10.11	168	49437	5.09	ng		99
55) 4-Nitrophenol	10.07	139	3562m	2.59	ng		
56) 2,4-Dinitrotoluene	10.10	165	8381	3.58	ng	#	95
57) Fluorene	10.46	166	41582	5.21	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.24	232	8639	3.92	ng	#	93
59) Diethylphthalate	10.33	149	33672	4.07	ng		96
60) 4-Chlorophenyl-phenylether	10.46	204	13913	3.81	ng	#	82
61) 4-Nitroaniline	10.50	138	5920	2.89	ng		97
62) Azobenzene	10.61	77	31832	3.93	ng		98
65) n-Nitrosodiphenylamine	10.57	169	29565	3.62	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	8172	2.99	ng	#	84
67) Hexachlorobenzene	11.01	284	10954	3.71	ng	#	84
68) Atrazine	11.10	200	10251	3.96	ng		97
69) Pentachlorophenol	11.21	266	8293	5.45	ng		97
70) Phenanthrene	11.43	178	204409	15.27	ng		97
71) Anthracene	11.47	178	95482	6.92	ng		98
72) Carbazole	11.63	167	64611	5.13	ng		98
73) Di-n-butylphthalate	11.96	149	54853	3.53	ng		99
74) Fluoranthene	12.62	202	308939	21.49	ng		99
77) Pyrene	12.85	202	273492	17.33	ng		98
79) Butylbenzylphthalate	13.50	149	25355	3.52	ng	#	85
80) Benzo(a)anthracene	14.12	228	148353	10.72	ng		99
82) Chrysene	14.15	228	153969m	10.56	ng		
83) Bis(2-ethylhexyl)phthalate	14.10	149	68888	6.70	ng		99
84) Di-n-octyl phthalate	14.80	149	58084	3.29	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.17	276	95992	8.28	ng		98
87) Benzo(b)fluoranthene	15.27	252	143993m	10.40	ng		
88) Benzo(k)fluoranthene	15.29	252	93291m	8.01	ng		
89) Benzo(a)pyrene	15.64	252	117996	9.91	ng		99
90) Dibenzo(a,h)anthracene	17.18	278	48526	4.98	ng		99
91) Benzo(g,h,i)perylene	17.60	276	93559	9.87	ng		99

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

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