Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081018.D
Acq On : 17 Aug 2015 23:00
Operator : UM/IZ
Sample : G3239-04MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMPMSD

Manual Integrations APPROVED
MMDadoda
8/18/2015 5:12:21 PM

Quant Time: Aug 18 01:53:36 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	63779	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	246590	20.00	ng		0.01
38) Acenaphthene-d10	9.67	164	111322	20.00	ng		0.01
63) Phenanthrene-d10	11.13	188	219051	20.00	ng		0.00
75) Chrysene-d12	13.76	240	182448	20.00	ng		0.01
86) Perylene-d12	15.11	264	119092	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	499416	117.78	ng		0.03
7) Phenol-d6	6.28	99	714957	129.23	ng		0.02
23) Nitrobenzene-d5	7.20	82	482012	89.29	ng		0.01
41) 2,4,6-Tribromophenol	10.46	330	159703	165.50	ng		0.01
44) 2-Fluorobiphenyl	8.99	172	748164	88.06	ng		0.00
78) Terphenyl-d14	12.72	244	694298	81.58	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	72770	36.42	ng	#	93
3) Pyridine	2.84	79	198093m	35.12	ng		
4) n-Nitrosodimethylamine	2.79	42	130528	41.57	ng	#	77
6) Aniline	6.30	93	71723	8.92	ng	#	1
8) 2-Chlorophenol	6.41	128	198370	42.74	ng		89
9) Benzaldehyde	6.17	77	30726	8.61	ng		93
10) Phenol	6.30	94	292967	44.84	ng	#	74
11) bis(2-Chloroethyl)ether	6.38	93	201118	40.11	ng		90
12) 1,3-Dichlorobenzene	6.57	146	206050	41.32	ng		98
13) 1,4-Dichlorobenzene	6.65	146	204709	41.45	ng		99
14) 1,2-Dichlorobenzene	6.80	146	186880	40.43	ng		97
15) Benzyl Alcohol	6.79	79	191452	42.77	ng	#	92
16) 2,2'-oxybis(1-Chloropropan	6.92	45	433719	44.02	ng		100
17) 2-Methylphenol	6.90	107	169425	42.54	ng		96
18) Hexachloroethane	7.14	117	81023	40.61	ng		96
19) n-Nitroso-di-n-propylamine	7.06	70	164455	42.91	ng		92
20) 3+4-Methylphenols	7.06	107	228370	45.18	ng	#	48
22) Acetophenone	7.05	105	303043	46.81	ng		93
24) Nitrobenzene	7.22	77	277152	49.10	ng		98
25) Isophorone	7.46	82	451291	44.83	ng		97
26) 2-Nitrophenol	7.53	139	106441	45.35	ng		89
27) 2,4-Dimethylphenol	7.59	122	204291	49.20	ng		93
28) bis(2-Chloroethoxy)methane	7.68	93	255574	42.98	ng		99
29) 2,4-Dichlorophenol	7.78	162	177680	50.82	ng		93
30) 1,2,4-Trichlorobenzene	7.86	180	179426	46.18	ng		99
31) Naphthalene	7.94	128	615908	44.81	ng		99
32) Benzoic acid	7.72	122	132781	56.85	ng		95
33) 4-Chloroaniline	7.99	127	24613m	4.24	ng		
34) Hexachlorobutadiene	8.06	225	94351	42.94	ng		99
35) Caprolactam	8.38	113	55214m	45.19	ng		
36) 4-Chloro-3-methylphenol	8.49	107	209875	50.37	ng		94
37) 2-Methylnaphthalene	8.63	142	381285	43.91	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	165524	46.08	ng		97
40) Hexachlorocyclopentadiene	8.79	237	193538	104.11	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	125435	49.43	ng		99
43) 2,4,5-Trichlorophenol	8.96	196	129523m	51.07	ng		
45) 1,1'-Biphenyl	9.10	154	522300	53.27	ng		98
46) 2-Chloronaphthalene	9.12	162	356638	45.27	ng		98
47) 2-Nitroaniline	9.21	65	130739	40.56	ng		98
48) Acenaphthylene	9.53	152	615887	43.71	ng		99
49) Dimethylphthalate	9.40	163	394352	43.01	ng		99
50) 2,6-Dinitrotoluene	9.46	165	96279	48.91	ng	#	84
51) Acenaphthene	9.70	154	382581	45.35	ng		99
52) 3-Nitroaniline	9.62	138	27635	11.22	ng		86
53) 2,4-Dinitrophenol	9.74	184	126915	107.11	ng	#	64
54) Dibenzofuran	9.87	168	545546	48.26	ng		99
55) 4-Nitrophenol	9.80	139	176129	101.81	ng	#	59
56) 2,4-Dinitrotoluene	9.86	165	115680	44.34	ng	#	71
57) Fluorene	10.20	166	388462	44.67	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	95869m	48.84	ng		
59) Diethylphthalate	10.10	149	438338	45.17	ng		98
60) 4-Chlorophenyl-phenylether	10.20	204	164280	44.64	ng		97
61) 4-Nitroaniline	10.24	138	84979	33.75	ng		92
62) Azobenzene	10.36	77	520913	46.58	ng		97
64) 4,6-Dinitro-2-methylphenol	10.26	198	67439	51.55	ng		98
65) n-Nitrosodiphenylamine	10.33	169	312016	39.90	ng		97
66) 4-Bromophenyl-phenylether	10.70	248	110698	51.44	ng	#	89
67) Hexachlorobenzene	10.75	284	109824	50.39	ng	#	93
68) Atrazine	10.86	200	52288	24.00	ng		99
69) Pentachlorophenol	10.95	266	131141	100.29	ng		100
70) Phenanthrene	11.16	178	638446	49.18	ng		99
71) Anthracene	11.21	178	548689	43.43	ng		100
72) Carbazole	11.37	167	527687	43.39	ng		99
73) Di-n-butylphthalate	11.71	149	660270	44.86	ng		98
74) Fluoranthene	12.34	202	697114	49.76	ng		94
77) Pyrene	12.56	202	658530	44.40	ng		98
79) Butylbenzylphthalate	13.20	149	297025	46.59	ng	#	70
80) Benzo(a)anthracene	13.75	228	591199	48.32	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	19280	4.86	ng		99
82) Chrysene	13.78	228	419950	38.08	ng		100
83) Bis(2-ethylhexyl)phthalate	13.76	149	404256	49.50	ng	#	95
84) Di-n-octyl phthalate	14.38	149	671919	54.14	ng		98
85) Indeno(1,2,3-cd)pyrene	16.34	276	374441	48.37	ng	#	95
87) Benzo(b)fluoranthene	14.74	252	419698m	49.82	ng		
88) Benzo(k)fluoranthene	14.77	252	376604m	47.98	ng		
89) Benzo(a)pyrene	15.05	252	368500	50.20	ng	#	95
90) Dibenzo(a,h)anthracene	16.35	278	309580	54.13	ng	#	93
91) Benzo(g,h,i)perylene	16.71	276	317172	54.66	ng	#	91

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

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