Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
Data File : BF086583.D
Acq On : 1 May 2016 21:12
Operator : UM/SJ
Sample : H2741-03MS
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1MS

Manual Integrations APPROVED
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5/2/2016 7:47:23 PM

Quant Time: May 02 05:19:26 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 02 04:16:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	131537	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	572570	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	264619	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	521653	20.00	ng		0.00
75) Chrysene-d12	13.92	240	335448	20.00	ng		0.00
86) Perylene-d12	15.30	264	212674	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	956009	125.36	ng		0.01
7) Phenol-d6	6.42	99	1277318	120.01	ng		0.01
23) Nitrobenzene-d5	7.33	82	864384	81.37	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	353017	126.50	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	1400657	94.94	ng		-0.01
78) Terphenyl-d14	12.87	244	1334711	87.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	137561	34.34	ng	#	70
3) Pyridine	3.13	79	239856m	25.30	ng		
4) n-Nitrosodimethylamine	3.05	42	251348	46.51	ng	#	57
6) Aniline	6.45	93	62065	4.82	ng	#	74
8) 2-Chlorophenol	6.56	128	395476	41.64	ng		100
9) Benzaldehyde	6.32	77	24807	4.01	ng		96
10) Phenol	6.43	94	409289	34.47	ng		99
11) bis(2-Chloroethyl)ether	6.51	93	374975	36.53	ng		92
12) 1,3-Dichlorobenzene	6.70	146	383542	37.54	ng	#	94
13) 1,4-Dichlorobenzene	6.78	146	404853	38.41	ng		96
14) 1,2-Dichlorobenzene	6.93	146	355256	36.75	ng		95
15) Benzyl Alcohol	6.92	79	168135	24.97	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	7.05	45	790690	38.48	ng		97
17) 2-Methylphenol	7.04	107	327411	42.65	ng	#	93
18) Hexachloroethane	7.28	117	146185	37.11	ng		99
19) n-Nitroso-di-n-propylamine	7.18	70	300506	42.71	ng	#	67
20) 3+4-Methylphenols	7.18	107	392807	44.81	ng	#	80
22) Acetophenone	7.18	105	556696	44.34	ng	#	93
24) Nitrobenzene	7.36	77	474321	43.41	ng		94
25) Isophorone	7.60	82	835340	40.86	ng		98
26) 2-Nitrophenol	7.68	139	210401	41.82	ng		93
27) 2,4-Dimethylphenol	7.72	122	379265	42.96	ng		95
28) bis(2-Chloroethoxy)methane	7.81	93	443102	39.78	ng		100
29) 2,4-Dichlorophenol	7.92	162	335637	45.06	ng		96
30) 1,2,4-Trichlorobenzene	8.00	180	348333	40.31	ng		97
31) Naphthalene	8.08	128	1203366	41.30	ng		99
32) Benzoic acid	7.85	122	195709	38.70	ng	#	84
33) 4-Chloroaniline	8.08	127	160565	14.72	ng	#	34
34) Hexachlorobutadiene	8.19	225	177335	36.61	ng		98
35) Caprolactam	8.50	113	94280	37.94	ng	#	54
36) 4-Chloro-3-methylphenol	8.62	107	384473	45.08	ng		99
37) 2-Methylnaphthalene	8.76	142	718192	41.78	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	319300	42.15	ng		97
40) Hexachlorocyclopentadiene	8.92	237	334130	88.77	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	219084	45.76	ng		94
43) 2,4,5-Trichlorophenol	9.09	196	227970	43.68	ng	#	85
45) 1,1'-Biphenyl	9.23	154	947979	42.86	ng		97
46) 2-Chloronaphthalene	9.25	162	704207	41.87	ng		95
47) 2-Nitroaniline	9.36	65	243356	45.12	ng		92
48) Acenaphthylene	9.66	152	1054441	40.11	ng		99
49) Dimethylphthalate	9.54	163	924308	46.40	ng		100
50) 2,6-Dinitrotoluene	9.60	165	197724	48.04	ng		93
51) Acenaphthene	9.84	154	647755	38.36	ng		98
52) 3-Nitroaniline	9.77	138	55819	11.93	ng		97
53) 2,4-Dinitrophenol	9.87	184	193575	85.43	ng	#	80
54) Dibenzofuran	10.01	168	963514	45.66	ng		94
55) 4-Nitrophenol	9.94	139	210918	68.82	ng		84
56) 2,4-Dinitrotoluene	10.00	165	243984	46.51	ng	#	88
57) Fluorene	10.35	166	746859	40.76	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	210360	51.56	ng		94
59) Diethylphthalate	10.24	149	882043	46.77	ng		97
60) 4-Chlorophenyl-phenylether	10.35	204	353475	42.49	ng	#	79
61) 4-Nitroaniline	10.37	138	99780	21.81	ng	#	76
62) Azobenzene	10.50	77	868800	42.06	ng		84
64) 4,6-Dinitro-2-methylphenol	10.41	198	138795	45.32	ng		90
65) n-Nitrosodiphenylamine	10.46	169	229284	14.06	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	222157	41.33	ng		94
67) Hexachlorobenzene	10.90	284	271114	43.57	ng	#	90
69) Pentachlorophenol	11.09	266	283126	86.31	ng		98
70) Phenanthrene	11.31	178	1182195	43.18	ng		99
71) Anthracene	11.36	178	1215971	41.62	ng		100
72) Carbazole	11.52	167	399013	15.41	ng		98
73) Di-n-butylphthalate	11.85	149	1249015	42.58	ng	#	98
74) Fluoranthene	12.49	202	1139830	41.25	ng		99
77) Pyrene	12.72	202	1100720	45.54	ng		99
79) Butylbenzylphthalate	13.35	149	534860	51.09	ng	#	87
80) Benzo(a)anthracene	13.91	228	764572	42.75	ng		99
82) Chrysene	13.94	228	924901	47.58	ng		100
83) Bis(2-ethylhexyl)phthalate	13.91	149	610931	47.01	ng		97
84) Di-n-octyl phthalate	14.51	149	937879	46.09	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.64	276	769864	53.45	ng		96
87) Benzo(b)fluoranthene	14.91	252	951070m	76.02	ng		
88) Benzo(k)fluoranthene	14.95	252	584711m	44.81	ng		
89) Benzo(a)pyrene	15.25	252	675582	57.19	ng		97
90) Dibenzo(a,h)anthracene	16.66	278	673486	69.67	ng		95
91) Benzo(g,h,i)perylene	17.04	276	616157	63.61	ng		95

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

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