Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086031.D
Acq On : 3 Apr 2016 00:28
Operator : UM/SJ
Sample : H2017-04MS
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-COMPMS

Manual Integrations APPROVED
Sohil
4/4/2016 7:46:31 PM

Quant Time: Apr 04 04:11:40 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	115209	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	446878	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	208358	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	374859	20.00	ng		0.00
75) Chrysene-d12	13.93	240	237837	20.00	ng		0.00
86) Perylene-d12	15.33	264	207998	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	801784	118.96	ng		0.02
7) Phenol-d6	6.43	99	1032704	120.63	ng		0.01
23) Nitrobenzene-d5	7.34	82	696234	91.88	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	269297	137.70	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1238139	98.80	ng		0.00
78) Terphenyl-d14	12.88	244	1015555	100.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	112417	35.18	ng	#	86
3) Pyridine	3.17	79	141367	19.76	ng		99
4) n-Nitrosodimethylamine	3.09	42	137164	43.60	ng		98
6) Aniline	6.45	93	100929	8.99	ng	#	62
8) 2-Chlorophenol	6.57	128	341151	42.44	ng		96
9) Benzaldehyde	6.34	77	27683	6.01	ng		94
10) Phenol	6.44	94	390963	40.03	ng		95
11) bis(2-Chloroethyl)ether	6.52	93	336821	43.55	ng		94
12) 1,3-Dichlorobenzene	6.72	146	358539m	42.09	ng		
13) 1,4-Dichlorobenzene	6.80	146	357639	40.75	ng		93
14) 1,2-Dichlorobenzene	6.94	146	338778	41.94	ng		98
15) Benzyl Alcohol	6.93	79	256582	46.32	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	380440	40.27	ng		77
17) 2-Methylphenol	7.05	107	275427	43.46	ng		97
18) Hexachloroethane	7.28	117	131807	40.83	ng	#	75
19) n-Nitroso-di-n-propylamine	7.20	70	219412	41.35	ng		93
20) 3+4-Methylphenols	7.21	107	351387	45.59	ng	#	62
22) Acetophenone	7.20	105	478128	45.51	ng	#	90
24) Nitrobenzene	7.37	77	388253	46.83	ng		90
25) Isophorone	7.61	82	684495	45.76	ng	#	94
26) 2-Nitrophenol	7.68	139	177313	44.70	ng	#	81
27) 2,4-Dimethylphenol	7.72	122	293630	41.22	ng		99
28) bis(2-Chloroethoxy)methane	7.81	93	406971	46.37	ng		98
29) 2,4-Dichlorophenol	7.93	162	285027	47.33	ng		100
30) 1,2,4-Trichlorobenzene	8.01	180	298848	44.20	ng		93
31) Naphthalene	8.08	128	1004072	44.67	ng		99
32) Benzoic acid	7.87	122	188760	36.12	ng		99
33) 4-Chloroaniline	8.14	127	53447	5.89	ng	#	96
34) Hexachlorobutadiene	8.20	225	154169	42.42	ng		99
35) Caprolactam	8.51	113	75141m	39.33	ng		
36) 4-Chloro-3-methylphenol	8.64	107	321426	47.48	ng		96
37) 2-Methylnaphthalene	8.77	142	659988	44.95	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	273191	43.62	ng		100
40) Hexachlorocyclopentadiene	8.92	237	146878	68.82	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	192354	47.83	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	190728	46.71	ng	#	85
45) 1,1'-Biphenyl	9.24	154	776513	43.22	ng		94
46) 2-Chloronaphthalene	9.26	162	608561	46.73	ng		98
47) 2-Nitroaniline	9.37	65	194931	51.16	ng		90
48) Acenaphthylene	9.68	152	948748	45.48	ng		99
49) Dimethylphthalate	9.54	163	710565	46.01	ng		99
50) 2,6-Dinitrotoluene	9.61	165	155925	47.72	ng		90
51) Acenaphthene	9.85	154	573508	46.22	ng		99
52) 3-Nitroaniline	9.78	138	69227	17.58	ng		89
53) 2,4-Dinitrophenol	9.89	184	142499	68.40	ng	#	80
54) Dibenzofuran	10.02	168	772577	47.15	ng		99
55) 4-Nitrophenol	9.96	139	192430	82.89	ng		86
56) 2,4-Dinitrotoluene	10.02	165	201522	48.81	ng	#	77
57) Fluorene	10.36	166	643651	45.98	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	151064	49.69	ng		98
59) Diethylphthalate	10.24	149	695597	44.63	ng		97
60) 4-Chlorophenyl-phenylether	10.35	204	286103	43.88	ng		99
61) 4-Nitroaniline	10.40	138	163702	42.21	ng		97
62) Azobenzene	10.51	77	714847	47.88	ng		99
64) 4,6-Dinitro-2-methylphenol	10.43	198	97467	42.91	ng	#	57
65) n-Nitrosodiphenylamine	10.48	169	567739	48.43	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	186559	48.75	ng		97
67) Hexachlorobenzene	10.91	284	192552	48.65	ng		96
68) Atrazine	11.00	200	130676	34.50	ng		96
69) Pentachlorophenol	11.10	266	171887	92.67	ng		97
70) Phenanthrene	11.32	178	957684	46.83	ng		100
71) Anthracene	11.37	178	905117	42.25	ng		100
72) Carbazole	11.53	167	762043	41.38	ng		99
73) Di-n-butylphthalate	11.86	149	1089490	47.75	ng		100
74) Fluoranthene	12.51	202	850662	39.99	ng		89
76) Benzidine	12.64	184	43020	5.13	ng		99
77) Pyrene	12.73	202	812436	48.47	ng		99
79) Butylbenzylphthalate	13.35	149	420221	55.68	ng	#	67
80) Benzo(a)anthracene	13.92	228	592980	42.30	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	92719	9.05	ng		99
82) Chrysene	13.95	228	560651	41.52	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	525046	52.42	ng		99
84) Di-n-octyl phthalate	14.52	149	869515	54.36	ng		98
85) Indeno(1,2,3-cd)pyrene	16.71	276	630427	57.54	ng		99
87) Benzo(b)fluoranthene	14.93	252	681575m	52.09	ng		
88) Benzo(k)fluoranthene	14.97	252	436037m	37.63	ng		
89) Benzo(a)pyrene	15.28	252	546079	47.10	ng		99
90) Dibenzo(a,h)anthracene	16.71	278	534246	57.28	ng		100
91) Benzo(g,h,i)perylene	17.11	276	516622	57.23	ng		96

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

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