Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086032.D
Acq On : 3 Apr 2016 00:56
Operator : UM/SJ
Sample : H2017-04MSD
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-COMPMSD

Manual Integrations APPROVED
Sohil
4/4/2016 7:46:45 PM

Quant Time: Apr 04 04:14:52 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	114636	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	440330	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	206975	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	360913	20.00	ng		0.00
75) Chrysene-d12	13.93	240	227020	20.00	ng		0.00
86) Perylene-d12	15.33	264	195255	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	789714	117.75	ng		0.02
7) Phenol-d6	6.43	99	1014814	119.13	ng		0.01
23) Nitrobenzene-d5	7.34	82	696934	93.34	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	258126	132.87	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1226939	98.56	ng		0.00
78) Terphenyl-d14	12.88	244	969980	100.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	118815	37.37	ng	#	87
3) Pyridine	3.18	79	153526	21.57	ng		100
4) n-Nitrosodimethylamine	3.10	42	141939	45.35	ng		98
6) Aniline	6.45	93	82968	7.42	ng	#	49
8) 2-Chlorophenol	6.57	128	342815	42.86	ng		98
9) Benzaldehyde	6.33	77	45279	9.88	ng		92
10) Phenol	6.44	94	397020	40.86	ng		93
11) bis(2-Chloroethyl)ether	6.52	93	345847	44.95	ng		96
12) 1,3-Dichlorobenzene	6.72	146	370715m	43.73	ng		
13) 1,4-Dichlorobenzene	6.80	146	373862	42.81	ng		93
14) 1,2-Dichlorobenzene	6.94	146	348279	43.33	ng		98
15) Benzyl Alcohol	6.93	79	233131	42.30	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	388065	41.28	ng		74
17) 2-Methylphenol	7.05	107	282160	44.74	ng		96
18) Hexachloroethane	7.29	117	140187	43.64	ng		94
19) n-Nitroso-di-n-propylamine	7.20	70	222551	42.15	ng		94
20) 3+4-Methylphenols	7.21	107	356892	46.53	ng	#	63
22) Acetophenone	7.20	105	486590	47.01	ng	#	91
24) Nitrobenzene	7.37	77	400062	48.97	ng		89
25) Isophorone	7.61	82	689859	46.80	ng	#	94
26) 2-Nitrophenol	7.68	139	181730	46.50	ng	#	80
27) 2,4-Dimethylphenol	7.72	122	297481	42.38	ng		98
28) bis(2-Chloroethoxy)methane	7.81	93	403649	46.67	ng		99
29) 2,4-Dichlorophenol	7.93	162	290288	48.92	ng		99
30) 1,2,4-Trichlorobenzene	8.01	180	302084	45.35	ng		93
31) Naphthalene	8.08	128	1034538	46.71	ng		99
32) Benzoic acid	7.87	122	191238	37.13	ng		98
33) 4-Chloroaniline	8.16	127	37899	4.24	ng		96
34) Hexachlorobutadiene	8.20	225	158420	44.24	ng		98
35) Caprolactam	8.51	113	72207m	38.35	ng		
36) 4-Chloro-3-methylphenol	8.64	107	313117	46.94	ng		95
37) 2-Methylnaphthalene	8.77	142	670034	46.31	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	274872	44.19	ng		100
40) Hexachlorocyclopentadiene	8.92	237	163877	74.78	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	190945	47.80	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	196721	48.50	ng	#	87
45) 1,1'-Biphenyl	9.24	154	782081	43.82	ng		94
46) 2-Chloronaphthalene	9.26	162	614313	47.49	ng		97
47) 2-Nitroaniline	9.37	65	190713	50.39	ng		93
48) Acenaphthylene	9.68	152	941226	45.42	ng		100
49) Dimethylphthalate	9.54	163	718488	46.84	ng		99
50) 2,6-Dinitrotoluene	9.61	165	154667	47.65	ng		92
51) Acenaphthene	9.85	154	578250	46.92	ng		99
52) 3-Nitroaniline	9.78	138	44975	11.50	ng		92
53) 2,4-Dinitrophenol	9.89	184	161349	74.50	ng	#	80
54) Dibenzofuran	10.02	168	774918	47.61	ng		99
55) 4-Nitrophenol	9.96	139	180217	78.15	ng		85
56) 2,4-Dinitrotoluene	10.02	165	204001	49.74	ng	#	77
57) Fluorene	10.36	166	640431	46.06	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	159801	52.92	ng		94
59) Diethylphthalate	10.24	149	671371	43.36	ng		97
60) 4-Chlorophenyl-phenylether	10.35	204	277631	42.87	ng		98
61) 4-Nitroaniline	10.40	138	122774	31.87	ng		97
62) Azobenzene	10.51	77	711553	47.98	ng		99
64) 4,6-Dinitro-2-methylphenol	10.43	198	96746	44.23	ng	#	55
65) n-Nitrosodiphenylamine	10.48	169	477802	42.33	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	189140	51.33	ng		97
67) Hexachlorobenzene	10.91	284	195699	51.36	ng		98
68) Atrazine	11.00	200	96412	26.44	ng		98
69) Pentachlorophenol	11.10	266	175277	98.15	ng		97
70) Phenanthrene	11.32	178	954391	48.47	ng		99
71) Anthracene	11.37	178	891579	43.23	ng		99
72) Carbazole	11.53	167	633224	35.72	ng		99
73) Di-n-butylphthalate	11.86	149	1097221	49.94	ng		100
74) Fluoranthene	12.50	202	823080	40.19	ng		100
77) Pyrene	12.73	202	791502	49.48	ng		99
79) Butylbenzylphthalate	13.34	149	412170	57.22	ng	#	67
80) Benzo(a)anthracene	13.92	228	573790	42.88	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	24030	2.46	ng		97
82) Chrysene	13.96	228	562332	43.62	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	514198	53.78	ng		99
84) Di-n-octyl phthalate	14.52	149	861227	56.41	ng		98
85) Indeno(1,2,3-cd)pyrene	16.71	276	619278	59.21	ng		100
87) Benzo(b)fluoranthene	14.93	252	673313m	54.82	ng		
88) Benzo(k)fluoranthene	14.97	252	422579m	38.85	ng		
89) Benzo(a)pyrene	15.28	252	533567	49.03	ng		99
90) Dibenzo(a,h)anthracene	16.71	278	530723	60.61	ng		99
91) Benzo(g,h,i)perylene	17.11	276	499387	58.93	ng		96

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

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