Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110517\
Data File : BF100224.D
Acq On : 5 Nov 2017 15:25
Operator : SJ/JU
Sample : I6267-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-S002-0001-01MS

Manual Integrations APPROVED
Sohil
11/6/2017 2:33:23 PM

Quant Time: Nov 06 10:27:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	90092	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	357758	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	147432	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	209365	20.00	ng		-0.01
75) Chrysene-d12	13.94	240	160076	20.00	ng		-0.01
86) Perylene-d12	15.40	264	167085	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	638837	111.33	ng		0.00
7) Phenol-d6	6.42	99	710169	104.37	ng		0.00
23) Nitrobenzene-d5	7.34	82	395137	71.11	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	127142	94.63	ng		-0.01
44) 2-Fluorobiphenyl	9.12	172	757752	79.30	ng		-0.01
78) Terphenyl-d14	12.87	244	483932	66.07	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	69916	27.590	ng	#	88
3) Pyridine	3.32	79	115713	18.988	ng	#	86
4) n-Nitrosodimethylamine	3.25	42	61049	28.042	ng	#	68
6) Aniline	6.44	93	185715	21.050	ng	#	65
8) 2-Chlorophenol	6.56	128	206779	33.810	ng		93
9) Benzaldehyde	6.33	77	73086	17.975	ng		88
10) Phenol	6.43	94	249957	33.459	ng		90
11) bis(2-Chloroethyl)ether	6.50	93	182437	31.624	ng		91
12) 1,3-Dichlorobenzene	6.70	146	219503m	31.964	ng		
13) 1,4-Dichlorobenzene	6.78	146	222837	31.973	ng		97
14) 1,2-Dichlorobenzene	6.93	146	203203	31.991	ng		97
15) Benzyl Alcohol	6.92	79	145239	33.564	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	225895	35.250	ng		77
17) 2-Methylphenol	7.05	107	159898	31.255	ng		95
18) Hexachloroethane	7.26	117	66106	28.430	ng		96
19) n-Nitroso-di-n-propylamine	7.18	70	123857	31.062	ng		91
20) 3+4-Methylphenols	7.20	107	222556	37.362	ng		94
22) Acetophenone	7.18	105	268406	32.950	ng	#	91
24) Nitrobenzene	7.36	77	183927	32.849	ng		90
25) Isophorone	7.59	82	336743	33.396	ng		95
26) 2-Nitrophenol	7.67	139	111346	34.721	ng	#	83
27) 2,4-Dimethylphenol	7.72	122	170247	36.030	ng		94
28) bis(2-Chloroethoxy)methane	7.80	93	225496	31.931	ng		99
29) 2,4-Dichlorophenol	7.93	162	169660	34.564	ng		96
30) 1,2,4-Trichlorobenzene	7.99	180	168013	32.035	ng		98
31) Naphthalene	8.07	128	559759	32.414	ng		99
32) Benzoic acid	7.85	122	14489	3.484	ng		85
33) 4-Chloroaniline	8.14	127	138537	19.427	ng	#	94
34) Hexachlorobutadiene	8.17	225	85020	31.516	ng		96
35) Caprolactam	8.50	113	37509	24.299	ng	#	67
36) 4-Chloro-3-methylphenol	8.63	107	159464	31.829	ng		90
37) 2-Methylnaphthalene	8.76	142	377229	32.596	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	152249	31.974	ng	#	97
40) Hexachlorocyclopentadiene	8.90	237	1131	11.435	ng		86

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	103755	36.023	ng		99
43) 2,4,5-Trichlorophenol	9.11	196	98324	32.169	ng	#	92
45) 1,1'-Biphenyl	9.22	154	432673	32.441	ng		98
46) 2-Chloronaphthalene	9.25	162	333778	34.460	ng		94
47) 2-Nitroaniline	9.36	65	83224	32.737	ng		84
48) Acenaphthylene	9.66	152	478863	32.099	ng		99
49) Dimethylphthalate	9.52	163	428511	36.702	ng		100
50) 2,6-Dinitrotoluene	9.60	165	79868	32.540	ng	#	89
51) Acenaphthene	9.83	154	285436	31.313	ng		98
52) 3-Nitroaniline	9.78	138	77513	26.802	ng	#	84
53) 2,4-Dinitrophenol	9.93	184	10595	15.907	ng	#	79
54) Dibenzofuran	10.00	168	427335	33.211	ng		99
55) 4-Nitrophenol	9.98	139	44794m	29.643	ng		
56) 2,4-Dinitrotoluene	10.02	165	103906	35.153	ng	#	86
57) Fluorene	10.35	166	332128	31.175	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	72648	33.900	ng	#	90
59) Diethylphthalate	10.22	149	352524	30.919	ng		97
60) 4-Chlorophenyl-phenylether	10.33	204	155187	30.951	ng		93
61) 4-Nitroaniline	10.40	138	72560	26.297	ng		83
62) Azobenzene	10.50	77	300346	31.425	ng		86
64) 4,6-Dinitro-2-methylphenol	10.44	198	24167	18.363	ng	#	76
65) n-Nitrosodiphenylamine	10.46	169	284220	36.775	ng		98
66) 4-Bromophenyl-phenylether	10.82	248	84664	38.412	ng		92
67) Hexachlorobenzene	10.90	284	79351	35.190	ng		94
68) Atrazine	10.99	200	80829	34.817	ng		98
69) Pentachlorophenol	11.11	266	45822	47.556	ng		96
70) Phenanthrene	11.32	178	392965	33.258	ng		98
71) Anthracene	11.37	178	407386	33.968	ng		97
72) Carbazole	11.53	167	353359	31.331	ng		98
73) Di-n-butylphthalate	11.83	149	469273	32.622	ng		99
74) Fluoranthene	12.50	202	359878	29.308	ng		99
76) Benzidine	12.64	184	45283	6.465	ng		99
77) Pyrene	12.73	202	366656	30.123	ng		99
79) Butylbenzylphthalate	13.33	149	162555	27.120	ng		92
80) Benzo(a)anthracene	13.93	228	322933	31.823	ng		98
81) 3,3'-Dichlorobenzidine	13.89	252	95005	25.791	ng		96
82) Chrysene	13.97	228	321441	33.693	ng		97
83) Bis(2-ethylhexyl)phthalate	13.89	149	228816	27.184	ng		98
84) Di-n-octyl phthalate	14.49	149	425097	29.424	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.86	276	282056	32.205	ng		96
87) Benzo(b)fluoranthene	14.97	252	316772	30.024	ng		97
88) Benzo(k)fluoranthene	15.00	252	337016	33.875	ng		100
89) Benzo(a)pyrene	15.34	252	312981	33.024	ng	#	97
90) Dibenzo(a,h)anthracene	16.86	278	241351	28.660	ng		99
91) Benzo(g,h,i)perylene	17.31	276	223655	27.146	ng		98

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

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