Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100433.D
Acq On : 11 Nov 2017 11:54
Operator : SJ/JU
Sample : I6399-11MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-13-A-13-BMS

Manual Integrations APPROVED
SOHIL
11/13/2017 4:54:09 PM

Quant Time: Nov 13 02:28:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	158041	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	612924	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	245395	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	389055	20.00	ng		0.00
75) Chrysene-d12	14.07	240	314851	20.00	ng		0.00
86) Perylene-d12	15.56	264	255815	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	854184	86.64	ng		0.01
7) Phenol-d6	6.53	99	1050946	86.44	ng		0.00
23) Nitrobenzene-d5	7.47	82	657446	70.92	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	202891	81.14	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1069842	66.39	ng		0.00
78) Terphenyl-d14	13.01	244	737434	53.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	110996	23.102	ng		96
3) Pyridine	3.53	79	306250	23.363	ng		93
4) n-Nitrosodimethylamine	3.47	42	160189	25.170	ng		97
6) Aniline	6.57	93	226851	13.208	ng		100
8) 2-Chlorophenol	6.69	128	291416	27.940	ng		97
9) Benzaldehyde	6.46	77	153987	17.736	ng		93
10) Phenol	6.55	94	398635	31.234	ng		99
11) bis(2-Chloroethyl)ether	6.64	93	286750	26.748	ng		96
12) 1,3-Dichlorobenzene	6.85	146	324521	26.987	ng		98
13) 1,4-Dichlorobenzene	6.92	146	328942	27.027	ng		97
14) 1,2-Dichlorobenzene	7.07	146	304254	27.038	ng		98
15) Benzyl Alcohol	7.04	79	257054	27.091	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.17	45	516408	30.118	ng		97
17) 2-Methylphenol	7.15	107	245842	27.582	ng		99
18) Hexachloroethane	7.42	117	101276	25.238	ng		99
19) n-Nitroso-di-n-propylamine	7.31	70	202489	24.016	ng		91
20) 3+4-Methylphenols	7.30	107	299452	26.550	ng	#	81
22) Acetophenone	7.31	105	391524	26.196	ng	#	94
24) Nitrobenzene	7.49	77	303083	31.763	ng		98
25) Isophorone	7.72	82	549438	28.203	ng		98
26) 2-Nitrophenol	7.80	139	145982	34.353	ng		99
27) 2,4-Dimethylphenol	7.83	122	267013	30.574	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	356477	27.974	ng		99
29) 2,4-Dichlorophenol	8.04	162	239718	28.753	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	250261	27.750	ng		97
31) Naphthalene	8.21	128	807210	27.343	ng		100
32) Benzoic acid	7.95	122	8363m	10.377	ng		
33) 4-Chloroaniline	8.25	127	137357	11.178	ng		99
34) Hexachlorobutadiene	8.32	225	144030	26.861	ng		98
35) Caprolactam	8.61	113	65276	22.814	ng	#	81
36) 4-Chloro-3-methylphenol	8.73	107	236481	26.410	ng		97
37) 2-Methylnaphthalene	8.90	142	532527	27.170	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	236894	29.108	ng	#	97
40) Hexachlorocyclopentadiene	9.05	237	49153	12.832	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	161127	31.238	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	161161	30.156	ng	#	90
45) 1,1'-Biphenyl	9.36	154	611161	28.796	ng		98
46) 2-Chloronaphthalene	9.39	162	459728	29.858	ng		97
47) 2-Nitroaniline	9.48	65	152916	34.445	ng		95
48) Acenaphthylene	9.80	152	688849	26.996	ng		100
49) Dimethylphthalate	9.66	163	604053	32.240	ng		99
50) 2,6-Dinitrotoluene	9.72	165	113269	30.541	ng		95
51) Acenaphthene	9.97	154	403621	26.008	ng		100
52) 3-Nitroaniline	9.89	138	102309	23.361	ng	#	99
53) 2,4-Dinitrophenol	9.99	184	5505	12.387	ng	#	27
54) Dibenzofuran	10.15	168	597504	27.470	ng		99
55) 4-Nitrophenol	10.05	139	166995	46.961	ng		91
56) 2,4-Dinitrotoluene	10.12	165	135861	29.038	ng	#	99
57) Fluorene	10.49	166	431243	27.065	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	119172	27.209	ng		88
59) Diethylphthalate	10.36	149	513349	27.379	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	220330	28.188	ng		91
61) 4-Nitroaniline	10.50	138	100866	24.289	ng		95
62) Azobenzene	10.64	77	461424	26.129	ng		95
64) 4,6-Dinitro-2-methylphenol	10.53	198	8515	12.131	ng		89
65) n-Nitrosodiphenylamine	10.60	169	417305	30.848	ng		97
66) 4-Bromophenyl-phenylether	10.97	248	129762	31.113	ng		92
67) Hexachlorobenzene	11.04	284	127189	29.159	ng	#	84
68) Atrazine	11.12	200	121385	29.643	ng		98
69) Pentachlorophenol	11.23	266	133118	42.560	ng		98
70) Phenanthrene	11.45	178	583088	28.465	ng		99
71) Anthracene	11.50	178	582068	28.008	ng		99
72) Carbazole	11.66	167	512334	26.718	ng		99
73) Di-n-butylphthalate	11.99	149	670740	29.890	ng		99
74) Fluoranthene	12.64	202	598924	27.588	ng		95
76) Benzidine	12.76	184	221615	17.576	ng		98
77) Pyrene	12.87	202	597244	26.611	ng		100
79) Butylbenzylphthalate	13.49	149	259108	28.309	ng		90
80) Benzo(a)anthracene	14.06	228	531095	28.011	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	171937	25.310	ng		98
82) Chrysene	14.10	228	515329	28.067	ng		98
83) Bis(2-ethylhexyl)phthalate	14.04	149	361901	30.063	ng		99
84) Di-n-octyl phthalate	14.66	149	635105	30.710	ng		97
85) Indeno(1,2,3-cd)pyrene	17.05	276	337293	22.712	ng		95
87) Benzo(b)fluoranthene	15.12	252	447930	29.555	ng		98
88) Benzo(k)fluoranthene	15.14	252	378404	26.425	ng		99
89) Benzo(a)pyrene	15.49	252	372808	27.747	ng		99
90) Dibenzo(a,h)anthracene	17.07	278	284207	25.865	ng		99
91) Benzo(g,h,i)perylene	17.51	276	271025	25.197	ng		94

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

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