Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
Data File : BF100683.D
Acq On : 17 Nov 2017 19:43
Operator : SJ/JU
Sample : I6289-05MS 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MS

Manual Integrations APPROVED
SOHIL
11/20/2017 2:51:15 PM

Quant Time: Nov 17 23:32:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	97146	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	392873	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	184518	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	350250	20.00	ng		0.00
75) Chrysene-d12	14.04	240	232337	20.00	ng		0.00
86) Perylene-d12	15.52	264	244229	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	140281	23.15	ng		0.00
7) Phenol-d6	6.50	99	173112	23.16	ng		-0.01
23) Nitrobenzene-d5	7.44	82	100989	16.99	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	48114	25.59	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	229359	18.93	ng		0.00
78) Terphenyl-d14	12.98	244	192057	18.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	17561	5.946	ng		96
3) Pyridine	3.47	79	38851	4.822	ng		91
4) n-Nitrosodimethylamine	3.38	42	23768	6.076	ng		87
6) Aniline	6.54	93	33250	3.149	ng		98
8) 2-Chlorophenol	6.66	128	52270	8.153	ng		96
9) Benzaldehyde	6.43	77	19294	3.615	ng		94
10) Phenol	6.51	94	71587	9.125	ng		97
11) bis(2-Chloroethyl)ether	6.61	93	48411	7.347	ng		98
12) 1,3-Dichlorobenzene	6.82	146	58322	7.890	ng		97
13) 1,4-Dichlorobenzene	6.90	146	59788	7.992	ng		96
14) 1,2-Dichlorobenzene	7.05	146	56401	8.154	ng		95
15) Benzyl Alcohol	7.02	79	44035	7.550	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	82657	7.843	ng		98
17) 2-Methylphenol	7.12	107	43838	8.001	ng		97
18) Hexachloroethane	7.39	117	19431	7.877	ng		97
19) n-Nitroso-di-n-propylamine	7.28	70	36546	7.052	ng		95
20) 3+4-Methylphenols	7.27	107	56994	8.221	ng		95
22) Acetophenone	7.29	105	76249	7.959	ng	#	97
24) Nitrobenzene	7.46	77	53147	8.689	ng		98
25) Isophorone	7.69	82	95943	7.683	ng		99
26) 2-Nitrophenol	7.77	139	27561	13.913	ng		95
27) 2,4-Dimethylphenol	7.80	122	47127	8.419	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	61185	7.491	ng		99
29) 2,4-Dichlorophenol	8.02	162	47152	8.823	ng		95
30) 1,2,4-Trichlorobenzene	8.10	180	49769	8.610	ng		94
31) Naphthalene	8.19	128	163587	8.645	ng		99
32) Benzoic acid	7.85	122	5817m	10.463	ng		
33) 4-Chloroaniline	8.23	127	33014	4.191	ng		98
34) Hexachlorobutadiene	8.30	225	26857	7.814	ng		99
35) Caprolactam	8.56	113	12365	6.742	ng		95
36) 4-Chloro-3-methylphenol	8.70	107	46563	8.113	ng		94
37) 2-Methylnaphthalene	8.87	142	112976	8.993	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	49985	8.168	ng	#	96
40) Hexachlorocyclopentadiene	9.03	237	23839	8.277	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	33409	8.614	ng		97
43) 2,4,5-Trichlorophenol	9.19	196	35003m	8.711	ng		
45) 1,1'-Biphenyl	9.33	154	134115	8.404	ng		97
46) 2-Chloronaphthalene	9.36	162	102582	8.860	ng		93
47) 2-Nitroaniline	9.46	65	29484	10.903	ng		96
48) Acenaphthylene	9.78	152	161622	8.424	ng		98
49) Dimethylphthalate	9.63	163	122518	8.696	ng		100
50) 2,6-Dinitrotoluene	9.69	165	25078	8.993	ng		93
51) Acenaphthene	9.95	154	105167	9.013	ng		99
52) 3-Nitroaniline	9.86	138	21370	6.490	ng		100
53) 2,4-Dinitrophenol	9.97	184	10266	18.658	ng	#	15
54) Dibenzofuran	10.12	168	149300	9.129	ng		96
55) 4-Nitrophenol	10.02	139	36620	13.695	ng		85
56) 2,4-Dinitrotoluene	10.10	165	32138	9.135	ng	#	88
57) Fluorene	10.46	166	124920	10.426	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	27757	8.428	ng	#	88
59) Diethylphthalate	10.33	149	114444	8.118	ng		98
60) 4-Chlorophenyl-phenylether	10.46	204	53680	9.133	ng	#	84
61) 4-Nitroaniline	10.47	138	24988	8.003	ng		85
62) Azobenzene	10.62	77	104773	7.890	ng		90
64) 4,6-Dinitro-2-methylphenol	10.50	198	10137	13.279	ng		80
65) n-Nitrosodiphenylamine	10.57	169	102304	8.400	ng		95
66) 4-Bromophenyl-phenylether	10.95	248	32592	8.680	ng	#	86
67) Hexachlorobenzene	11.01	284	32991	8.401	ng	#	90
68) Atrazine	11.09	200	29530	8.010	ng		98
69) Pentachlorophenol	11.20	266	28621	10.164	ng		99
70) Phenanthrene	11.43	178	253968	13.772	ng		97
71) Anthracene	11.48	178	189667	10.137	ng		97
72) Carbazole	11.63	167	144650	8.379	ng		98
73) Di-n-butylphthalate	11.96	149	172956	8.561	ng		98
74) Fluoranthene	12.62	202	245861	12.580	ng		95
77) Pyrene	12.84	202	220324	13.303	ng		98
79) Butylbenzylphthalate	13.46	149	54336	8.045	ng		89
80) Benzo(a)anthracene	14.03	228	149328	10.673	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	28993	5.784	ng		99
82) Chrysene	14.06	228	140252	10.352	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	73962	8.326	ng		99
84) Di-n-octyl phthalate	14.62	149	117662	7.710	ng	#	98
85) Indeno(1,2,3-cd)pyrene	17.00	276	130027	11.865	ng		95
87) Benzo(b)fluoranthene	15.08	252	141523	9.781	ng		97
88) Benzo(k)fluoranthene	15.11	252	124311	9.093	ng		97
89) Benzo(a)pyrene	15.45	252	132551	10.333	ng		97
90) Dibenzo(a,h)anthracene	17.01	278	95315	9.086	ng		97
91) Benzo(g,h,i)perylene	17.44	276	106763	10.397	ng		96

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

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