Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101736.D
Acq On : 27 Dec 2017 1:34
Operator : SJ/JU
Sample : I6957-04MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMS

Manual Integrations APPROVED
Sohil
12/27/2017 4:15:11 PM

Quant Time: Dec 27 06:49:03 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	121558	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	448497	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	182196	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	317839	20.00	ng		0.00
75) Chrysene-d12	13.97	240	292202	20.00	ng		0.00
86) Perylene-d12	15.44	264	280723	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	586900	71.92	ng		0.01
7) Phenol-d6	6.43	99	654160	64.41	ng		0.00
23) Nitrobenzene-d5	7.36	82	407031	50.52	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	108205	61.63	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	677812	57.71	ng		0.00
78) Terphenyl-d14	12.90	244	601098	49.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	75657	18.043	ng		93
3) Pyridine	3.35	79	160216	13.752	ng		93
4) n-Nitrosodimethylamine	3.27	42	79495	14.820	ng		99
6) Aniline	6.46	93	172847	12.247	ng	#	73
8) 2-Chlorophenol	6.58	128	165955	19.332	ng		97
9) Benzaldehyde	6.36	77	104866	13.981	ng		97
10) Phenol	6.45	94	228780	19.764	ng		92
11) bis(2-Chloroethyl)ether	6.53	93	177516	19.550	ng		96
12) 1,3-Dichlorobenzene	6.73	146	197057	20.339	ng		98
13) 1,4-Dichlorobenzene	6.80	146	206920	20.914	ng		98
14) 1,2-Dichlorobenzene	6.96	146	182140	20.452	ng		98
15) Benzyl Alcohol	6.95	79	136290	19.497	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	301382	21.688	ng		51
17) 2-Methylphenol	7.06	107	132721	16.808	ng	#	85
18) Hexachloroethane	7.29	117	58458	16.994	ng		93
19) n-Nitroso-di-n-propylamine	7.20	70	126318	18.939	ng		95
20) 3+4-Methylphenols	7.22	107	180540	21.576	ng		97
22) Acetophenone	7.20	105	255448	24.962	ng		99
24) Nitrobenzene	7.38	77	178410	20.008	ng		99
25) Isophorone	7.61	82	324893	20.101	ng		96
26) 2-Nitrophenol	7.70	139	65350	17.059	ng		99
27) 2,4-Dimethylphenol	7.74	122	134333	20.641	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	206681	20.131	ng		98
29) 2,4-Dichlorophenol	7.96	162	124642	19.385	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	140989	20.778	ng		94
31) Naphthalene	8.09	128	479990	21.258	ng		99
33) 4-Chloroaniline	8.16	127	129271	13.173	ng		99
34) Hexachlorobutadiene	8.20	225	83053	21.163	ng		98
35) Caprolactam	8.51	113	38566	17.274	ng		92
36) 4-Chloro-3-methylphenol	8.65	107	128407	18.170	ng		96
37) 2-Methylnaphthalene	8.79	142	306806	20.856	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	141468	22.998	ng	#	96
40) Hexachlorocyclopentadiene	8.93	237	488m	11.852	ng		
42) 2,4,6-Trichlorophenol	9.08	196	67397	18.199	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.14	196	62483	15.409	ng		94
45) 1,1'-Biphenyl	9.25	154	362990	22.465	ng		98
46) 2-Chloronaphthalene	9.27	162	262797	21.256	ng		97
47) 2-Nitroaniline	9.39	65	85754	20.078	ng		88
48) Acenaphthylene	9.69	152	388541	19.897	ng		99
49) Dimethylphthalate	9.55	163	365040	24.909	ng		99
50) 2,6-Dinitrotoluene	9.62	165	54566	18.320	ng	#	87
51) Acenaphthene	9.86	154	234894	20.021	ng		99
52) 3-Nitroaniline	9.80	138	69065	18.598	ng		99
54) Dibenzofuran	10.03	168	338225	22.685	ng		96
56) 2,4-Dinitrotoluene	10.05	165	70076	20.882	ng	#	93
57) Fluorene	10.37	166	269746	21.387	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	31957	10.969	ng	#	70
59) Diethylphthalate	10.24	149	278645	19.200	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	129520	21.427	ng		92
61) 4-Nitroaniline	10.42	138	66839	17.907	ng		95
62) Azobenzene	10.53	77	380167	25.287	ng		92
65) n-Nitrosodiphenylamine	10.49	169	245595	20.927	ng		93
66) 4-Bromophenyl-phenylether	10.85	248	77108	21.591	ng		93
67) Hexachlorobenzene	10.93	284	78549	20.781	ng	#	85
68) Atrazine	11.01	200	72497	20.717	ng		97
69) Pentachlorophenol	11.16	266	2769	8.286	ng	#	87
70) Phenanthrene	11.34	178	393020	22.235	ng		99
71) Anthracene	11.40	178	374833	20.761	ng		99
72) Carbazole	11.56	167	328514	19.434	ng		99
73) Di-n-butylphthalate	11.87	149	467075	22.765	ng		98
74) Fluoranthene	12.54	202	382161	20.598	ng		98
76) Benzidine	12.66	184	136008	11.021	ng		98
77) Pyrene	12.77	202	374688	17.086	ng		99
79) Butylbenzylphthalate	13.37	149	181627	18.304	ng		96
80) Benzo(a)anthracene	13.96	228	264184	13.692	ng		97
81) 3,3'-Dichlorobenzidine	13.92	252	98487	15.654	ng		99
82) Chrysene	14.00	228	259836	14.263	ng		98
83) Bis(2-ethylhexyl)phthalate	13.92	149	274248	21.821	ng		96
84) Di-n-octyl phthalate	14.53	149	453910	20.251	ng		99
85) Indeno(1,2,3-cd)pyrene	16.93	276	68739	4.237	ng		95
87) Benzo(b)fluoranthene	15.01	252	185442	10.838	ng		98
88) Benzo(k)fluoranthene	15.04	252	168634	10.137	ng		98
89) Benzo(a)pyrene	15.38	252	143805	9.117	ng		98
90) Dibenzo(a,h)anthracene	16.92	278	69262	5.114	ng		98
91) Benzo(g,h,i)perylene	17.39	276	52937	3.947	ng		94

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

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