Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110317\
Data File : BF100167.D
Acq On : 4 Nov 2017 7:07
Operator : SJ/JU
Sample : I6143-04MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Manual Integrations APPROVED
Sohil
11/4/2017 2:19:53 PM

Quant Time: Nov 04 10:55:55 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	6.77	152	94801	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	386355	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	164104	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	255042	20.00	ng		0.00
75) Chrysene-d12	13.95	240	150631	20.00	ng		0.00
86) Perylene-d12	15.42	264	151971	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	454133	75.21	ng		0.00
7) Phenol-d6	6.42	99	352321	49.21	ng		0.00
23) Nitrobenzene-d5	7.35	82	556783	92.78	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	183305	122.57	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	1073676	100.94	ng		0.00
78) Terphenyl-d14	12.88	244	690051	100.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	47237	17.715	ng	#	87
3) Pyridine	3.35	79	94079m	14.671	ng		
4) n-Nitrosodimethylamine	3.26	42	39742m	17.348	ng		
6) Aniline	6.45	93	161144	17.358	ng		93
8) 2-Chlorophenol	6.56	128	245215	38.103	ng		92
9) Benzaldehyde	6.33	77	127840	29.880	ng		89
10) Phenol	6.43	94	135323	17.214	ng		97
11) bis(2-Chloroethyl)ether	6.51	93	256973	42.332	ng		92
12) 1,3-Dichlorobenzene	6.71	146	297601m	41.184	ng		
13) 1,4-Dichlorobenzene	6.79	146	306104	41.738	ng		96
14) 1,2-Dichlorobenzene	6.94	146	277845	41.569	ng		97
15) Benzyl Alcohol	6.93	79	132309	29.057	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	323404	47.959	ng		55
17) 2-Methylphenol	7.05	107	165559	30.755	ng	#	85
18) Hexachloroethane	7.27	117	94927	38.797	ng		96
19) n-Nitroso-di-n-propylamine	7.19	70	178235	42.479	ng	#	89
20) 3+4-Methylphenols	7.20	107	201445	32.138	ng		97
22) Acetophenone	7.19	105	377566	42.920	ng	#	91
24) Nitrobenzene	7.36	77	264426	43.731	ng		94
25) Isophorone	7.60	82	504048	46.288	ng		96
26) 2-Nitrophenol	7.68	139	156092	45.071	ng	#	81
27) 2,4-Dimethylphenol	7.72	122	211978	41.542	ng		95
28) bis(2-Chloroethoxy)methane	7.80	93	333822	43.772	ng		99
29) 2,4-Dichlorophenol	7.93	162	235350	44.398	ng		97
30) 1,2,4-Trichlorobenzene	8.00	180	240167	42.404	ng		99
31) Naphthalene	8.07	128	790439	42.384	ng		99
32) Benzoic acid	7.86	122	34531	7.688	ng		92
33) 4-Chloroaniline	8.14	127	123654	16.057	ng		95
34) Hexachlorobutadiene	8.18	225	120785	41.460	ng		98
35) Caprolactam	8.53	113	13472	8.082	ng	#	76
36) 4-Chloro-3-methylphenol	8.63	107	211320	39.057	ng		92
37) 2-Methylnaphthalene	8.77	142	548549	43.891	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	224918	42.436	ng	#	97
40) Hexachlorocyclopentadiene	8.90	237	8222	18.858	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	145482	45.378	ng		97
43) 2,4,5-Trichlorophenol	9.11	196	143379	42.144	ng	#	90
45) 1,1'-Biphenyl	9.23	154	635489	42.807	ng		98
46) 2-Chloronaphthalene	9.26	162	488113	45.274	ng		97
47) 2-Nitroaniline	9.37	65	126167	44.587	ng		87
48) Acenaphthylene	9.67	152	708426	42.662	ng		99
49) Dimethylphthalate	9.53	163	570688	43.914	ng		100
50) 2,6-Dinitrotoluene	9.62	165	125937	46.097	ng	#	74
51) Acenaphthene	9.85	154	428386	42.221	ng		99
52) 3-Nitroaniline	9.79	138	78426	24.363	ng		92
53) 2,4-Dinitrophenol	9.92	184	36518	37.178	ng	#	87
54) Dibenzofuran	10.02	168	646643	45.149	ng		99
55) 4-Nitrophenol	9.99	139	22235m	13.220	ng		
56) 2,4-Dinitrotoluene	10.03	165	160502	48.783	ng	#	79
57) Fluorene	10.36	166	506346	42.699	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	105216	44.109	ng		91
59) Diethylphthalate	10.23	149	544628	42.915	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	236243	42.330	ng		94
61) 4-Nitroaniline	10.41	138	110315	35.919	ng		83
62) Azobenzene	10.51	77	444415	41.775	ng		87
64) 4,6-Dinitro-2-methylphenol	10.45	198	33229	20.727	ng		81
65) n-Nitrosodiphenylamine	10.47	169	450177	47.816	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	134968	50.268	ng		93
67) Hexachlorobenzene	10.91	284	127856	46.546	ng		95
68) Atrazine	11.00	200	138602	49.010	ng		98
69) Pentachlorophenol	11.12	266	84897	72.330	ng		97
70) Phenanthrene	11.33	178	640868	44.526	ng		99
71) Anthracene	11.38	178	656264	44.919	ng		99
72) Carbazole	11.54	167	583641	42.481	ng		99
73) Di-n-butylphthalate	11.85	149	791938	45.192	ng	#	97
74) Fluoranthene	12.52	202	553979	37.036	ng		99
76) Benzidine	12.65	184	36432	5.527	ng		97
77) Pyrene	12.75	202	543206	47.425	ng		99
79) Butylbenzylphthalate	13.34	149	254853	45.185	ng		93
80) Benzo(a)anthracene	13.94	228	421563	44.147	ng		99
81) 3,3'-Dichlorobenzidine	13.90	252	91330	26.348	ng		100
82) Chrysene	13.98	228	405202	45.136	ng		97
83) Bis(2-ethylhexyl)phthalate	13.90	149	334400	42.219	ng		98
84) Di-n-octyl phthalate	14.51	149	551520	40.569	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.89	276	371876	45.123	ng		97
87) Benzo(b)fluoranthene	14.99	252	427247	44.522	ng		97
88) Benzo(k)fluoranthene	15.02	252	417795	46.171	ng		99
89) Benzo(a)pyrene	15.36	252	405972	47.096	ng		97
90) Dibenzo(a,h)anthracene	16.88	278	320911	41.897	ng		97
91) Benzo(g,h,i)perylene	17.33	276	302169	40.323	ng		97

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

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