Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022018\
Data File : BF103123.D
Acq On : 20 Feb 2018 18:58
Operator : SJ/JU
Sample : J1624-05MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Manual Integrations APPROVED
Sohil
2/21/2018 10:10:35 AM

Quant Time: Feb 21 09:10:05 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	182108	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	778136	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	351768	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	586808	20.00	ng		0.00
75) Chrysene-d12	14.05	240	327986	20.00	ng		0.00
86) Perylene-d12	15.54	264	322518	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1323361	110.36	ng		0.02
7) Phenol-d6	6.52	99	1637909	113.44	ng		0.00
23) Nitrobenzene-d5	7.45	82	1087106	96.92	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	330717	116.81	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1509735	71.22	ng		0.00
78) Terphenyl-d14	12.99	244	1277337	92.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	226570	38.254	ng		89
3) Pyridine	3.50	79	600874	36.720	ng		92
4) n-Nitrosodimethylamine	3.45	42	310568	44.359	ng		99
6) Aniline	6.55	93	614819	28.835	ng		97
8) 2-Chlorophenol	6.67	128	523733	42.424	ng		97
9) Benzaldehyde	6.43	77	341509	31.850	ng		100
10) Phenol	6.53	94	661467	42.749	ng		87
11) bis(2-Chloroethyl)ether	6.62	93	530618	41.211	ng		92
12) 1,3-Dichlorobenzene	6.82	146	542477	37.946	ng		98
13) 1,4-Dichlorobenzene	6.89	146	547481	38.445	ng		99
14) 1,2-Dichlorobenzene	7.05	146	504310	38.021	ng		98
15) Benzyl Alcohol	7.02	79	457632	41.226	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	906114	37.047	ng		99
17) 2-Methylphenol	7.13	107	464167	40.762	ng		97
18) Hexachloroethane	7.39	117	203114	41.593	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	355727	37.368	ng		97
20) 3+4-Methylphenols	7.29	107	501969	35.746	ng	#	70
22) Acetophenone	7.29	105	682882	35.862	ng	#	86
24) Nitrobenzene	7.46	77	580429	43.989	ng		98
25) Isophorone	7.70	82	1101334	42.639	ng		99
26) 2-Nitrophenol	7.77	139	316084	56.449	ng		95
27) 2,4-Dimethylphenol	7.81	122	473576	43.398	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	675583	44.153	ng		99
29) 2,4-Dichlorophenol	8.02	162	439136	44.268	ng		96
30) 1,2,4-Trichlorobenzene	8.10	180	430111	38.327	ng		97
31) Naphthalene	8.18	128	1470703	38.684	ng		99
32) Benzoic acid	7.92	122	114415	22.098	ng		99
33) 4-Chloroaniline	8.23	127	343605	20.980	ng		97
34) Hexachlorobutadiene	8.29	225	214778	37.349	ng		100
35) Caprolactam	8.61	113	151485m	43.972	ng		
36) 4-Chloro-3-methylphenol	8.72	107	498515	44.727	ng		96
37) 2-Methylnaphthalene	8.87	142	976219	39.220	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	373129	38.957	ng		99
40) Hexachlorocyclopentadiene	9.02	237	229100	50.316	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	278357	44.246	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	295335	41.651	ng		97
45) 1,1'-Biphenyl	9.34	154	1106695	37.352	ng		99
46) 2-Chloronaphthalene	9.36	162	899475	38.562	ng		99
47) 2-Nitroaniline	9.46	65	342401	47.602	ng		93
48) Acenaphthylene	9.78	152	1345871	37.149	ng		99
49) Dimethylphthalate	9.64	163	1228908	44.805	ng		100
50) 2,6-Dinitrotoluene	9.70	165	244269	46.811	ng		95
51) Acenaphthene	9.95	154	772248	35.644	ng		99
52) 3-Nitroaniline	9.87	138	216133	33.662	ng		97
53) 2,4-Dinitrophenol	9.99	184	149226	82.889	ng	#	20
54) Dibenzofuran	10.12	168	1144782	37.493	ng		96
55) 4-Nitrophenol	10.05	139	379046	72.247	ng		93
56) 2,4-Dinitrotoluene	10.11	165	314812	45.176	ng		95
57) Fluorene	10.47	166	880849	39.651	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	219791	44.723	ng		99
59) Diethylphthalate	10.33	149	1026454	37.901	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	393939	40.086	ng		97
61) 4-Nitroaniline	10.49	138	276334	45.214	ng		96
62) Azobenzene	10.62	77	1026621	37.945	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	133474	52.801	ng		96
65) n-Nitrosodiphenylamine	10.58	169	816457	39.445	ng		100
66) 4-Bromophenyl-phenylether	10.95	248	249155	40.139	ng		96
67) Hexachlorobenzene	11.02	284	262503	38.334	ng		95
68) Atrazine	11.10	200	251644	41.211	ng		98
69) Pentachlorophenol	11.22	266	250160	62.232	ng		99
70) Phenanthrene	11.43	178	1229531	37.622	ng		99
71) Anthracene	11.49	178	1265864	38.083	ng		100
72) Carbazole	11.64	167	1224654	37.607	ng		99
73) Di-n-butylphthalate	11.96	149	1579658	39.933	ng		100
74) Fluoranthene	12.62	202	1165423	35.443	ng		99
76) Benzidine	12.74	184	369130	24.487	ng		99
77) Pyrene	12.85	202	1162014	45.181	ng		99
79) Butylbenzylphthalate	13.46	149	619566	50.311	ng		100
80) Benzo(a)anthracene	14.04	228	860170	41.701	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	270471	35.364	ng		98
82) Chrysene	14.08	228	803760	38.655	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	861206	54.661	ng	#	99
84) Di-n-octyl phthalate	14.63	149	1321896	55.878	ng		99
85) Indeno(1,2,3-cd)pyrene	17.06	276	879211	50.982	ng		99
87) Benzo(b)fluoranthene	15.10	252	771198	36.882	ng		98
88) Benzo(k)fluoranthene	15.13	252	764365	38.258	ng		99
89) Benzo(a)pyrene	15.48	252	765315	40.662	ng		99
90) Dibenzo(a,h)anthracene	17.07	278	728117	47.661	ng		99
91) Benzo(g,h,i)perylene	17.52	276	735863	49.212	ng		98

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

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