Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021918\
Data File : BF103085.D
Acq On : 19 Feb 2018 16:31
Operator : SJ/JU
Sample : J1606-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BROOKMS

Manual Integrations APPROVED
Sohil
2/20/2018 10:20:33 AM

Quant Time: Feb 19 17:48:21 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	6.88	152	174983	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	712998	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	315451	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	496840	20.00	ng		0.00
75) Chrysene-d12	14.05	240	298920	20.00	ng		0.00
86) Perylene-d12	15.54	264	327667	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1327307	115.20	ng		0.02
7) Phenol-d6	6.52	99	1595540	115.01	ng		0.01
23) Nitrobenzene-d5	7.45	82	1046114	101.78	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	311779	122.80	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1497015	78.75	ng		0.00
78) Terphenyl-d14	12.99	244	1113486	88.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	192899	33.895	ng		89
3) Pyridine	3.49	79	525954	33.450	ng		94
4) n-Nitrosodimethylamine	3.43	42	269232	40.020	ng		99
6) Aniline	6.55	93	543979	26.551	ng		96
8) 2-Chlorophenol	6.67	128	465764	39.265	ng		96
9) Benzaldehyde	6.43	77	86950	8.439	ng		97
10) Phenol	6.53	94	592713	39.865	ng		87
11) bis(2-Chloroethyl)ether	6.62	93	482110	38.968	ng		93
12) 1,3-Dichlorobenzene	6.82	146	491383	35.772	ng		99
13) 1,4-Dichlorobenzene	6.90	146	493194	36.043	ng		99
14) 1,2-Dichlorobenzene	7.05	146	453301	35.567	ng		98
15) Benzyl Alcohol	7.02	79	412706	38.693	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	825020	35.105	ng		99
17) 2-Methylphenol	7.13	107	406171	37.121	ng		98
18) Hexachloroethane	7.39	117	180487	38.465	ng		91
19) n-Nitroso-di-n-propylamine	7.29	70	314160	34.345	ng		97
20) 3+4-Methylphenols	7.29	107	459793	34.076	ng	#	67
22) Acetophenone	7.29	105	617160	35.372	ng	#	88
24) Nitrobenzene	7.46	77	519220	42.943	ng		98
25) Isophorone	7.70	82	955524	40.374	ng		99
26) 2-Nitrophenol	7.78	139	265870	52.530	ng		94
27) 2,4-Dimethylphenol	7.82	122	418458	41.851	ng		100
28) bis(2-Chloroethoxy)methane	7.90	93	598543	42.692	ng		99
29) 2,4-Dichlorophenol	8.02	162	389257	42.825	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	381165	37.068	ng		98
31) Naphthalene	8.19	128	1307748	37.541	ng		99
32) Benzoic acid	7.93	122	220755	35.532	ng		96
33) 4-Chloroaniline	8.23	127	262734	17.508	ng		99
34) Hexachlorobutadiene	8.29	225	187996	35.678	ng		98
35) Caprolactam	8.60	113	138343m	43.826	ng		
36) 4-Chloro-3-methylphenol	8.72	107	429484	42.053	ng		99
37) 2-Methylnaphthalene	8.87	142	860655	37.736	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	332224	38.679	ng		99
40) Hexachlorocyclopentadiene	9.02	237	136966	33.545	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	243896	43.232	ng		96
43) 2,4,5-Trichlorophenol	9.20	196	262877	41.342	ng		97
45) 1,1'-Biphenyl	9.34	154	984486	37.053	ng		99
46) 2-Chloronaphthalene	9.36	162	795805	38.045	ng		99
47) 2-Nitroaniline	9.46	65	298511	46.374	ng		91
48) Acenaphthylene	9.78	152	1185959	36.504	ng		100
49) Dimethylphthalate	9.64	163	1053994	42.852	ng		99
50) 2,6-Dinitrotoluene	9.70	165	213568	45.639	ng		96
51) Acenaphthene	9.95	154	668198	34.392	ng		99
52) 3-Nitroaniline	9.87	138	177793	30.878	ng		98
53) 2,4-Dinitrophenol	9.99	184	112531	74.906	ng	#	21
54) Dibenzofuran	10.13	168	1022877	37.358	ng		99
55) 4-Nitrophenol	10.05	139	336347	71.532	ng		95
56) 2,4-Dinitrotoluene	10.11	165	277025	44.388	ng		96
57) Fluorene	10.47	166	772995	38.802	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	185608	42.116	ng		98
59) Diethylphthalate	10.33	149	904313	37.235	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	345063	39.155	ng		99
61) 4-Nitroaniline	10.49	138	226889	41.398	ng		93
62) Azobenzene	10.62	77	893163	36.813	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	88077	44.017	ng		97
65) n-Nitrosodiphenylamine	10.57	169	718299	40.987	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	213321	40.589	ng		97
67) Hexachlorobenzene	11.02	284	218686	37.718	ng		98
68) Atrazine	11.10	200	211510	40.911	ng		97
69) Pentachlorophenol	11.22	266	200491	58.907	ng		97
70) Phenanthrene	11.43	178	1036796	37.469	ng		99
71) Anthracene	11.49	178	1069113	37.988	ng		99
72) Carbazole	11.64	167	1001758	36.332	ng		99
73) Di-n-butylphthalate	11.96	149	1326550	39.607	ng		99
74) Fluoranthene	12.62	202	932865	33.508	ng		99
76) Benzidine	12.74	184	370873	26.995	ng		99
77) Pyrene	12.85	202	933001	39.804	ng		100
79) Butylbenzylphthalate	13.46	149	485114	43.368	ng		96
80) Benzo(a)anthracene	14.04	228	761725	40.519	ng		98
81) 3,3'-Dichlorobenzidine	14.00	252	277203	39.769	ng		99
82) Chrysene	14.08	228	705220	37.214	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	677584	47.188	ng		99
84) Di-n-octyl phthalate	14.63	149	1111638	51.559	ng		99
85) Indeno(1,2,3-cd)pyrene	17.06	276	744746	47.384	ng		98
87) Benzo(b)fluoranthene	15.10	252	800543m	37.684	ng		
88) Benzo(k)fluoranthene	15.14	252	711788	35.066	ng		99
89) Benzo(a)pyrene	15.48	252	748327	39.134	ng		97
90) Dibenzo(a,h)anthracene	17.07	278	631310	40.675	ng		99
91) Benzo(g,h,i)perylene	17.52	276	606140	39.900	ng		96

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

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