Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102966.D
Acq On : 13 Feb 2018 17:19
Operator : SJ/JU
Sample : J1403-03MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MS

Manual Integrations APPROVED
Sohil
2/14/2018 10:29:40 AM

Quant Time: Feb 14 01:33:56 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 00:38:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	156219	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	638254	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	249318	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	346698	20.00	ng		0.00
75) Chrysene-d12	14.04	240	270843	20.00	ng		0.00
86) Perylene-d12	15.52	264	241878	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1135417	110.38	ng		0.01
7) Phenol-d6	6.51	99	1369589	110.58	ng		0.01
23) Nitrobenzene-d5	7.44	82	856030	93.04	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	204853	102.08	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1167470	77.70	ng		0.00
78) Terphenyl-d14	12.98	244	735424	64.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	159134	31.321	ng		90
3) Pyridine	3.47	79	438459	31.235	ng		93
4) n-Nitrosodimethylamine	3.40	42	229110	38.147	ng		96
6) Aniline	6.54	93	381144	20.838	ng		96
8) 2-Chlorophenol	6.66	128	383908	36.251	ng		96
9) Benzaldehyde	6.42	77	96215	10.460	ng		97
10) Phenol	6.52	94	558747	42.095	ng		95
11) bis(2-Chloroethyl)ether	6.61	93	399834	36.200	ng		92
12) 1,3-Dichlorobenzene	6.82	146	392912	32.039	ng		99
13) 1,4-Dichlorobenzene	6.89	146	397982	32.578	ng		98
14) 1,2-Dichlorobenzene	7.05	146	370742	32.583	ng		99
15) Benzyl Alcohol	7.02	79	343505	36.073	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	675548	32.197	ng		99
17) 2-Methylphenol	7.13	107	332795	34.068	ng		99
18) Hexachloroethane	7.39	117	133797	31.939	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	265000	32.451	ng		96
20) 3+4-Methylphenols	7.28	107	385868	32.032	ng	#	64
22) Acetophenone	7.29	105	517238	33.117	ng	#	94
24) Nitrobenzene	7.46	77	425235	39.282	ng		97
25) Isophorone	7.69	82	765646	36.139	ng		97
26) 2-Nitrophenol	7.77	139	192543	44.152	ng		96
27) 2,4-Dimethylphenol	7.81	122	343015	38.323	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	481068	38.331	ng		99
29) 2,4-Dichlorophenol	8.02	162	301370	37.038	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	292620	31.790	ng		99
31) Naphthalene	8.18	128	1034096	33.161	ng		100
32) Benzoic acid	7.86	122	14782m	10.787	ng		
33) 4-Chloroaniline	8.23	127	185185	13.785	ng		99
34) Hexachlorobutadiene	8.29	225	147368	31.243	ng		99
35) Caprolactam	8.59	113	97856	34.630	ng	#	78
36) 4-Chloro-3-methylphenol	8.71	107	316339	34.602	ng		99
37) 2-Methylnaphthalene	8.87	142	660806	32.366	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	252299	37.166	ng		99
40) Hexachlorocyclopentadiene	9.02	237	59713	18.504	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	174964	39.240	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	180606	35.937	ng		96
45) 1,1'-Biphenyl	9.33	154	744063	35.433	ng		99
46) 2-Chloronaphthalene	9.36	162	575444	34.808	ng		99
47) 2-Nitroaniline	9.46	65	215525	42.664	ng		95
48) Acenaphthylene	9.77	152	841079	32.756	ng		99
49) Dimethylphthalate	9.63	163	841743	43.300	ng		99
50) 2,6-Dinitrotoluene	9.69	165	144393	39.041	ng	#	85
51) Acenaphthene	9.95	154	483920	31.514	ng		99
52) 3-Nitroaniline	9.86	138	142096	31.225	ng		98
53) 2,4-Dinitrophenol	9.97	184	2147	11.146	ng	#	29
54) Dibenzofuran	10.12	168	720909	33.313	ng		96
55) 4-Nitrophenol	10.02	139	173081	47.977	ng		90
56) 2,4-Dinitrotoluene	10.10	165	172273	35.581	ng		98
57) Fluorene	10.46	166	514974	32.707	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	115190	33.071	ng		98
59) Diethylphthalate	10.33	149	632622	32.958	ng		100
60) 4-Chlorophenyl-phenylether	10.45	204	238055	34.178	ng		100
61) 4-Nitroaniline	10.47	138	138010	31.861	ng		97
62) Azobenzene	10.61	77	609443	31.782	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	7374	13.456	ng		87
65) n-Nitrosodiphenylamine	10.57	169	473308	38.704	ng		98
66) 4-Bromophenyl-phenylether	10.94	248	137212	37.414	ng		97
67) Hexachlorobenzene	11.01	284	135484	33.487	ng		93
68) Atrazine	11.09	200	132061	36.605	ng		98
69) Pentachlorophenol	11.20	266	117865	49.628	ng		99
70) Phenanthrene	11.42	178	665298	34.456	ng		99
71) Anthracene	11.47	178	664018	33.811	ng		99
72) Carbazole	11.63	167	616542	32.045	ng		99
73) Di-n-butylphthalate	11.95	149	822146	35.177	ng		100
74) Fluoranthene	12.61	202	630946	32.478	ng		98
76) Benzidine	12.73	184	272007	21.851	ng		97
77) Pyrene	12.84	202	651670	30.684	ng		99
79) Butylbenzylphthalate	13.45	149	328116	32.633	ng		98
80) Benzo(a)anthracene	14.03	228	575801	33.804	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	160424	25.401	ng		99
82) Chrysene	14.06	228	556866	32.431	ng		100
83) Bis(2-ethylhexyl)phthalate	14.01	149	473819	36.419	ng		100
84) Di-n-octyl phthalate	14.62	149	822455	42.101	ng		98
85) Indeno(1,2,3-cd)pyrene	17.02	276	462285	32.462	ng		99
87) Benzo(b)fluoranthene	15.08	252	570211	36.361	ng		96
88) Benzo(k)fluoranthene	15.11	252	481445	32.131	ng		98
89) Benzo(a)pyrene	15.45	252	488854	34.632	ng	#	96
90) Dibenzo(a,h)anthracene	17.03	278	387215	33.797	ng		100
91) Benzo(g,h,i)perylene	17.46	276	373339	33.292	ng		96

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

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