Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021918\
Data File : BF103086.D
Acq On : 19 Feb 2018 16:58
Operator : SJ/JU
Sample : J1606-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BROOKMSD

Manual Integrations APPROVED
Sohil
2/20/2018 10:20:35 AM

Quant Time: Feb 19 17:51:41 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	185488	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	759149	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	333579	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	522162	20.00	ng		0.00
75) Chrysene-d12	14.06	240	301891	20.00	ng		0.00
86) Perylene-d12	15.54	264	327459	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1472334	120.55	ng		0.02
7) Phenol-d6	6.52	99	1780603	121.08	ng		0.01
23) Nitrobenzene-d5	7.45	82	1164010	106.37	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	338711	126.15	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1644673	81.81	ng		0.00
78) Terphenyl-d14	12.99	244	1191631	93.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	225432	37.368	ng		89
3) Pyridine	3.49	79	619066	37.142	ng		93
4) n-Nitrosodimethylamine	3.44	42	324630	45.522	ng		99
6) Aniline	6.55	93	631197	29.063	ng		94
8) 2-Chlorophenol	6.67	128	545199	43.358	ng		94
9) Benzaldehyde	6.43	77	102995	9.431	ng		98
10) Phenol	6.53	94	694009	44.035	ng		86
11) bis(2-Chloroethyl)ether	6.62	93	560333	42.726	ng		91
12) 1,3-Dichlorobenzene	6.82	146	571518	39.249	ng		99
13) 1,4-Dichlorobenzene	6.90	146	580428	40.016	ng		99
14) 1,2-Dichlorobenzene	7.05	146	528101	39.089	ng		100
15) Benzyl Alcohol	7.02	79	476049	42.104	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	961277	38.586	ng		98
17) 2-Methylphenol	7.13	107	482288	41.581	ng		98
18) Hexachloroethane	7.39	117	213989	43.022	ng		91
19) n-Nitroso-di-n-propylamine	7.30	70	367581	37.910	ng		97
20) 3+4-Methylphenols	7.29	107	527397	36.873	ng	#	74
22) Acetophenone	7.29	105	717655	38.631	ng	#	91
24) Nitrobenzene	7.47	77	606723	47.137	ng		97
25) Isophorone	7.70	82	1135717	45.070	ng		99
26) 2-Nitrophenol	7.78	139	318669	58.045	ng		98
27) 2,4-Dimethylphenol	7.82	122	497697	46.750	ng		100
28) bis(2-Chloroethoxy)methane	7.91	93	700152	46.903	ng		100
29) 2,4-Dichlorophenol	8.02	162	457867	47.311	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	437571	39.967	ng		99
31) Naphthalene	8.19	128	1520893	41.005	ng		100
32) Benzoic acid	7.95	122	301951	42.291	ng		99
33) 4-Chloroaniline	8.23	127	268437	16.800	ng		99
34) Hexachlorobutadiene	8.30	225	222859	39.724	ng		98
35) Caprolactam	8.61	113	163113m	48.531	ng		
36) 4-Chloro-3-methylphenol	8.72	107	508812	46.792	ng		98
37) 2-Methylnaphthalene	8.87	142	1007015	41.469	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	386536	42.557	ng		98
40) Hexachlorocyclopentadiene	9.02	237	171639	39.752	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	287186	48.139	ng		100
43) 2,4,5-Trichlorophenol	9.20	196	297195	44.199	ng		97
45) 1,1'-Biphenyl	9.34	154	1134687	40.385	ng		99
46) 2-Chloronaphthalene	9.37	162	911191	41.194	ng		98
47) 2-Nitroaniline	9.46	65	348705	50.865	ng		91
48) Acenaphthylene	9.79	152	1340022	39.005	ng		99
49) Dimethylphthalate	9.64	163	1226799	47.167	ng		100
50) 2,6-Dinitrotoluene	9.70	165	249034	50.326	ng		95
51) Acenaphthene	9.96	154	778080	37.871	ng		99
52) 3-Nitroaniline	9.87	138	208604	34.260	ng		99
53) 2,4-Dinitrophenol	9.99	184	149507	85.583	ng	#	19
54) Dibenzofuran	10.13	168	1159365	40.041	ng		97
55) 4-Nitrophenol	10.05	139	396358	79.253	ng		93
56) 2,4-Dinitrotoluene	10.11	165	319938	48.195	ng		96
57) Fluorene	10.47	166	876877	41.624	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	215581	46.259	ng		97
59) Diethylphthalate	10.34	149	1050427	40.901	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	398934	42.808	ng		99
61) 4-Nitroaniline	10.49	138	272207	46.968	ng		95
62) Azobenzene	10.62	77	1017238	39.648	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	112239	50.650	ng		95
65) n-Nitrosodiphenylamine	10.58	169	818933	44.463	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	245326	44.415	ng	#	88
67) Hexachlorobenzene	11.02	284	248491	40.780	ng		99
68) Atrazine	11.10	200	247114	45.479	ng		99
69) Pentachlorophenol	11.22	266	241189	67.428	ng		99
70) Phenanthrene	11.43	178	1167693	40.153	ng		99
71) Anthracene	11.49	178	1199464	40.552	ng		100
72) Carbazole	11.64	167	1146081	39.551	ng		98
73) Di-n-butylphthalate	11.96	149	1501470	42.656	ng		100
74) Fluoranthene	12.62	202	1036206	35.415	ng		98
76) Benzidine	12.74	184	383195	27.618	ng		98
77) Pyrene	12.86	202	1037987	43.847	ng		98
79) Butylbenzylphthalate	13.46	149	547767	48.366	ng		96
80) Benzo(a)anthracene	14.04	228	831705	43.806	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	296145	42.068	ng		97
82) Chrysene	14.08	228	798144	41.703	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	737752	50.873	ng		98
84) Di-n-octyl phthalate	14.64	149	1252789	57.534	ng		99
85) Indeno(1,2,3-cd)pyrene	17.06	276	812791	51.204	ng		98
87) Benzo(b)fluoranthene	15.11	252	930045	43.807	ng		97
88) Benzo(k)fluoranthene	15.14	252	761175	37.523	ng		99
89) Benzo(a)pyrene	15.49	252	828562	43.358	ng		97
90) Dibenzo(a,h)anthracene	17.07	278	681139	43.913	ng		98
91) Benzo(g,h,i)perylene	17.52	276	665180	43.814	ng		95

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

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