Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
Data File : BF102238.D
Acq On : 20 Jan 2018 1:05
Operator : SJ/JU
Sample : J1189-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3C-11MSD

Manual Integrations APPROVED
Sohil
1/22/2018 5:24:41 PM

Quant Time: Jan 20 02:38:44 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 19 13:31:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	155887	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	632995	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	283721	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	457683	20.00	ng		0.00
75) Chrysene-d12	13.87	240	272325	20.00	ng		0.00
86) Perylene-d12	15.30	264	274169	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1023503	92.71	ng		0.01
7) Phenol-d6	6.37	99	1259579	95.63	ng		0.00
23) Nitrobenzene-d5	7.29	82	795834	73.88	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	274980	111.06	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1346567	74.15	ng		0.00
78) Terphenyl-d14	12.83	244	1011782	77.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	131250	23.824	ng		97
3) Pyridine	3.14	79	371802	24.712	ng		96
4) n-Nitrosodimethylamine	3.10	42	186660	29.627	ng		98
6) Aniline	6.39	93	380257	20.486	ng	#	73
8) 2-Chlorophenol	6.51	128	369653	33.387	ng		97
9) Benzaldehyde	6.27	77	252115	27.567	ng		97
10) Phenol	6.38	94	468897	31.501	ng		80
11) bis(2-Chloroethyl)ether	6.46	93	349066	30.810	ng		98
12) 1,3-Dichlorobenzene	6.66	146	384719	30.143	ng		97
13) 1,4-Dichlorobenzene	6.74	146	392437	30.813	ng		99
14) 1,2-Dichlorobenzene	6.89	146	366629	31.102	ng		97
15) Benzyl Alcohol	6.87	79	305645	31.724	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	569809	27.283	ng		98
17) 2-Methylphenol	6.99	107	309682	31.006	ng		98
18) Hexachloroethane	7.23	117	131654	29.355	ng		95
19) n-Nitroso-di-n-propylamine	7.14	70	252624	29.267	ng		96
20) 3+4-Methylphenols	7.14	107	369459	30.808	ng	#	79
22) Acetophenone	7.13	105	499023	32.720	ng	#	91
24) Nitrobenzene	7.31	77	384714	33.237	ng		95
25) Isophorone	7.55	82	705133	33.129	ng		100
26) 2-Nitrophenol	7.62	139	209677	43.280	ng		99
27) 2,4-Dimethylphenol	7.66	122	323970	35.806	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	454531	35.368	ng		99
29) 2,4-Dichlorophenol	7.86	162	319816	37.226	ng		100
30) 1,2,4-Trichlorobenzene	7.95	180	300698	33.462	ng		99
31) Naphthalene	8.03	128	1048555	33.151	ng		100
32) Benzoic acid	7.73	122	14173m	2.066	ng		
33) 4-Chloroaniline	8.07	127	278603	20.637	ng		99
34) Hexachlorobutadiene	8.14	225	156630	32.929	ng		100
35) Caprolactam	8.48	113	34674	11.757	ng		95
36) 4-Chloro-3-methylphenol	8.57	107	337449	35.883	ng		99
37) 2-Methylnaphthalene	8.72	142	710129	34.104	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	278319	34.674	ng		99
40) Hexachlorocyclopentadiene	8.86	237	116410	26.519	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	203910	36.865	ng		100
43) 2,4,5-Trichlorophenol	9.04	196	215631	34.492	ng		99
45) 1,1'-Biphenyl	9.18	154	823397	32.834	ng		99
46) 2-Chloronaphthalene	9.20	162	645867	33.212	ng		99
47) 2-Nitroaniline	9.31	65	211347	36.281	ng		92
48) Acenaphthylene	9.62	152	974601	31.579	ng		99
49) Dimethylphthalate	9.49	163	1037481	45.583	ng		100
50) 2,6-Dinitrotoluene	9.55	165	169419	37.264	ng		97
51) Acenaphthene	9.79	154	565157	30.171	ng		99
52) 3-Nitroaniline	9.72	138	148907	25.952	ng		100
53) 2,4-Dinitrophenol	9.82	184	25667	21.832	ng	#	21
54) Dibenzofuran	9.96	168	847078	32.950	ng		99
55) 4-Nitrophenol	9.89	139	267924	62.657	ng		96
56) 2,4-Dinitrotoluene	9.96	165	216797	38.045	ng		95
57) Fluorene	10.30	166	641197	36.079	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	160050	35.960	ng		97
59) Diethylphthalate	10.19	149	735533	32.488	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	282272	37.300	ng		96
61) 4-Nitroaniline	10.33	138	176869	32.480	ng		90
62) Azobenzene	10.46	77	682036	30.278	ng		98
64) 4,6-Dinitro-2-methylphenol	10.36	198	54515	25.006	ng		78
65) n-Nitrosodiphenylamine	10.42	169	595519	34.748	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	176341	36.484	ng		98
67) Hexachlorobenzene	10.85	284	184923	35.046	ng		95
68) Atrazine	10.95	200	180165	36.376	ng		96
69) Pentachlorophenol	11.05	266	167648	52.104	ng		98
70) Phenanthrene	11.27	178	871637	32.603	ng		99
71) Anthracene	11.32	178	917667	33.845	ng		99
72) Carbazole	11.47	167	847486	31.800	ng		100
73) Di-n-butylphthalate	11.80	149	1108181	33.893	ng		100
74) Fluoranthene	12.45	202	779579	29.638	ng		99
76) Benzidine	12.58	184	452729	34.427	ng		96
77) Pyrene	12.68	202	770213	31.996	ng		99
79) Butylbenzylphthalate	13.30	149	397152	35.951	ng		99
80) Benzo(a)anthracene	13.87	228	558264	32.130	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	206610	32.115	ng		97
82) Chrysene	13.90	228	550049	30.360	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	523328	41.295	ng	#	99
84) Di-n-octyl phthalate	14.47	149	833478	39.634	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	518770	39.341	ng		99
87) Benzo(b)fluoranthene	14.89	252	563654	31.530	ng		99
88) Benzo(k)fluoranthene	14.92	252	531573	30.824	ng		98
89) Benzo(a)pyrene	15.24	252	537861	33.435	ng		98
90) Dibenzo(a,h)anthracene	16.70	278	437867	34.109	ng		97
91) Benzo(g,h,i)perylene	17.10	276	405505	31.358	ng		98

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

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