Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
Data File : BF109754.D
Acq On : 10 Oct 2018 20:44
Operator : JU/SJ
Sample : J5366-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Manual Integrations APPROVED
Sohil
10/11/2018 2:02:49 PM

Quant Time: Oct 11 06:58:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	85418	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	342574	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	166582	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	321525	20.00	ng		0.00
75) Chrysene-d12	13.83	240	200752	20.00	ng		0.00
86) Perylene-d12	15.23	264	208155	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	643104	133.64	ng		0.00
7) Phenol-d6	6.35	99	860750	133.89	ng		0.00
23) Nitrobenzene-d5	7.26	82	577318	92.90	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	254539	140.23	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	1056312	87.33	ng		0.00
78) Terphenyl-d14	12.78	244	1003716	96.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	75504	29.896	ng		97
3) Pyridine	3.14	79	148043	28.413	ng		96
4) n-Nitrosodimethylamine	3.06	42	81297	43.227	ng		97
6) Aniline	6.37	93	174310	23.277	ng	#	64
8) 2-Chlorophenol	6.49	128	260184	43.962	ng		97
9) Benzaldehyde	6.25	77	121862	29.458	ng		99
10) Phenol	6.36	94	319679	43.367	ng	#	78
11) bis(2-Chloroethyl)ether	6.44	93	210388m	34.426	ng		
12) 1,3-Dichlorobenzene	6.64	146	267397	39.503	ng		98
13) 1,4-Dichlorobenzene	6.72	146	295624	40.064	ng		99
14) 1,2-Dichlorobenzene	6.87	146	269844	41.642	ng		98
15) Benzyl Alcohol	6.85	79	210789	44.229	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	330613	40.799	ng		99
17) 2-Methylphenol	6.97	107	203107	43.397	ng		98
18) Hexachloroethane	7.20	117	104552	40.087	ng		96
19) n-Nitroso-di-n-propylamine	7.12	70	185959	41.249	ng		99
20) 3+4-Methylphenols	7.12	107	251251	43.567	ng		92
22) Acetophenone	7.11	105	383167	46.253	ng		99
24) Nitrobenzene	7.28	77	273932	42.360	ng		99
25) Isophorone	7.52	82	516651	50.064	ng		98
26) 2-Nitrophenol	7.60	139	135877	44.921	ng		96
27) 2,4-Dimethylphenol	7.65	122	221463	50.702	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	323529	46.348	ng		99
29) 2,4-Dichlorophenol	7.85	162	224780	45.879	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	232007	42.777	ng		99
31) Naphthalene	8.00	128	838615	52.932	ng		100
32) Benzoic acid	7.77	122	50369m	16.129	ng		
33) 4-Chloroaniline	8.06	127	74660	10.701	ng		96
34) Hexachlorobutadiene	8.12	225	139538	41.378	ng		98
35) Caprolactam	8.43	113	65814m	44.980	ng		
36) 4-Chloro-3-methylphenol	8.55	107	246126	47.591	ng		99
37) 2-Methylnaphthalene	8.69	142	570170	54.941	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	238991	42.146	ng		99
40) Hexachlorocyclopentadiene	8.85	237	187709	75.996	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	149692	44.160	ng		98
43) 2,4,5-Trichlorophenol	9.02	196	174193	44.693	ng		99
45) 1,1'-Biphenyl	9.15	154	649386	43.637	ng		99
46) 2-Chloronaphthalene	9.17	162	479005	42.963	ng		98
47) 2-Nitroaniline	9.28	65	158615	46.985	ng		92
48) Acenaphthylene	9.59	152	767767	47.236	ng		99
49) Dimethylphthalate	9.46	163	707834	57.937	ng		99
50) 2,6-Dinitrotoluene	9.52	165	125624	47.436	ng		94
51) Acenaphthene	9.76	154	520485	54.018	ng		100
52) 3-Nitroaniline	9.69	138	73444	24.740	ng		100
53) 2,4-Dinitrophenol	9.80	184	60080	70.316	ng		97
54) Dibenzofuran	9.93	168	764259	52.915	ng		99
55) 4-Nitrophenol	9.87	139	146692	90.276	ng		91
56) 2,4-Dinitrotoluene	9.93	165	155641	47.094	ng		91
57) Fluorene	10.27	166	636230	58.987	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	146014	46.086	ng		97
59) Diethylphthalate	10.16	149	572916	47.329	ng		99
60) 4-Chlorophenyl-phenylether	10.27	204	245801	43.197	ng		94
61) 4-Nitroaniline	10.31	138	128375	46.695	ng		99
62) Azobenzene	10.43	77	574676	46.750	ng		96
64) 4,6-Dinitro-2-methylphenol	10.34	198	62318	39.821	ng		93
65) n-Nitrosodiphenylamine	10.39	169	482250	44.244	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	159725	43.235	ng		94
67) Hexachlorobenzene	10.82	284	168775	42.189	ng	#	93
68) Atrazine	10.92	200	155904	45.832	ng		99
69) Pentachlorophenol	11.02	266	166415	73.927	ng		99
70) Phenanthrene	11.23	178	1318163	81.923	ng		99
71) Anthracene	11.28	178	864939	52.001	ng		100
72) Carbazole	11.44	167	798671	49.509	ng		99
73) Di-n-butylphthalate	11.77	149	861276	46.032	ng		100
74) Fluoranthene	12.42	202	1273973	75.789	ng		99
76) Benzidine	12.54	184	197392	26.469	ng		98
77) Pyrene	12.64	202	1083002	73.632	ng		99
79) Butylbenzylphthalate	13.26	149	327270	51.321	ng		97
80) Benzo(a)anthracene	13.82	228	573070	51.729	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	110716	24.820	ng		99
82) Chrysene	13.86	228	606194	52.094	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	408851	52.551	ng		98
84) Di-n-octyl phthalate	14.42	149	692980	56.352	ng		100
85) Indeno(1,2,3-cd)pyrene	16.58	276	617781	74.173	ng		99
87) Benzo(b)fluoranthene	14.83	252	566029	49.207	ng		99
88) Benzo(k)fluoranthene	14.86	252	476646	41.241	ng		98
89) Benzo(a)pyrene	15.17	252	507501	48.617	ng		97
90) Dibenzo(a,h)anthracene	16.59	278	506173	59.042	ng		98
91) Benzo(g,h,i)perylene	16.99	276	533672	62.338	ng		100

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

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