Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
Data File : BF109744.D
Acq On : 10 Oct 2018 16:04
Operator : JU/SJ
Sample : J5302-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-TW-3-(16.5-17)MS

Manual Integrations APPROVED
Sohil
10/11/2018 2:02:34 PM

Quant Time: Oct 10 17:35:48 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	82843	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	333754	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	166378	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	334534	20.00	ng		0.00
75) Chrysene-d12	13.83	240	247038	20.00	ng		0.00
86) Perylene-d12	15.23	264	209248	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	566246	121.33	ng		0.00
7) Phenol-d6	6.35	99	735159	117.91	ng		0.00
23) Nitrobenzene-d5	7.26	82	502957	83.07	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	211644	116.75	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	821084	67.97	ng		0.00
78) Terphenyl-d14	12.78	244	881050	69.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	69149	28.231	ng		97
3) Pyridine	3.13	79	159468	31.557	ng		99
4) n-Nitrosodimethylamine	3.05	42	68126	37.350	ng		94
6) Aniline	6.37	93	192223	26.467	ng		98
8) 2-Chlorophenol	6.49	128	228613	39.829	ng		98
9) Benzaldehyde	6.25	77	105056	26.185	ng		96
10) Phenol	6.36	94	272967	38.181	ng		81
11) bis(2-Chloroethyl)ether	6.43	93	187591	31.650	ng		98
12) 1,3-Dichlorobenzene	6.64	146	236911	36.087	ng		97
13) 1,4-Dichlorobenzene	6.72	146	262098	36.625	ng		99
14) 1,2-Dichlorobenzene	6.86	146	226588	36.053	ng		99
15) Benzyl Alcohol	6.85	79	180942	39.147	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	294549	37.478	ng		99
17) 2-Methylphenol	6.96	107	177680	39.144	ng		92
18) Hexachloroethane	7.20	117	93746	37.061	ng		96
19) n-Nitroso-di-n-propylamine	7.12	70	161875	37.023	ng		97
20) 3+4-Methylphenols	7.12	107	217503	38.887	ng		94
22) Acetophenone	7.11	105	335740	41.599	ng	#	99
24) Nitrobenzene	7.28	77	238609	37.873	ng		100
25) Isophorone	7.52	82	450029	44.761	ng		100
26) 2-Nitrophenol	7.60	139	116513	39.537	ng		98
27) 2,4-Dimethylphenol	7.65	122	194551	45.717	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	277199	40.760	ng		99
29) 2,4-Dichlorophenol	7.85	162	197404	41.356	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	204538	38.709	ng		99
31) Naphthalene	8.00	128	676747	43.844	ng		99
32) Benzoic acid	7.75	122	20911	6.873	ng	#	80
33) 4-Chloroaniline	8.06	127	104663	15.398	ng		98
34) Hexachlorobutadiene	8.12	225	120840	36.781	ng		99
35) Caprolactam	8.42	113	58580m	41.094	ng		
36) 4-Chloro-3-methylphenol	8.55	107	212195	42.114	ng		99
37) 2-Methylnaphthalene	8.69	142	443780	43.892	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	208255	36.771	ng		99
40) Hexachlorocyclopentadiene	8.85	237	168669	69.094	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	130337	38.497	ng	99
43) 2,4,5-Trichlorophenol	9.02	196	156776	40.273	ng	98
45) 1,1'-Biphenyl	9.15	154	549914	36.998	ng	100
46) 2-Chloronaphthalene	9.17	162	423406	38.023	ng	98
47) 2-Nitroaniline	9.28	65	138563	41.095	ng	94
48) Acenaphthylene	9.59	152	676799	41.690	ng	98
49) Dimethylphthalate	9.46	163	570486	46.753	ng	99
50) 2,6-Dinitrotoluene	9.52	165	109676	41.465	ng	95
51) Acenaphthene	9.76	154	373587	38.820	ng	100
52) 3-Nitroaniline	9.69	138	68444	23.084	ng	99
53) 2,4-Dinitrophenol	9.80	184	34960	40.966	ng	89
54) Dibenzofuran	9.93	168	576120	39.938	ng	98
55) 4-Nitrophenol	9.87	139	131237	80.864	ng	95
56) 2,4-Dinitrotoluene	9.92	165	143537	43.484	ng	92
57) Fluorene	10.27	166	460281	42.727	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	135087	42.690	ng	99
59) Diethylphthalate	10.15	149	497971	41.188	ng	100
60) 4-Chlorophenyl-phenylether	10.26	204	217979	38.355	ng	99
61) 4-Nitroaniline	10.30	138	114072	41.543	ng	98
62) Azobenzene	10.43	77	507084	41.302	ng	97
64) 4,6-Dinitro-2-methylphenol	10.33	198	50608	31.081	ng	88
65) n-Nitrosodiphenylamine	10.39	169	431014	38.006	ng	99
66) 4-Bromophenyl-phenylether	10.75	248	142722	37.130	ng	93
67) Hexachlorobenzene	10.82	284	153671	36.920	ng	94
68) Atrazine	10.92	200	141472	39.972	ng	99
69) Pentachlorophenol	11.02	266	148787	63.526	ng	96
70) Phenanthrene	11.23	178	682708	40.780	ng	99
71) Anthracene	11.28	178	744948	43.046	ng	99
72) Carbazole	11.44	167	675393	40.239	ng	100
73) Di-n-butylphthalate	11.77	149	795504	40.863	ng	99
74) Fluoranthene	12.41	202	753716	43.095	ng	99
76) Benzidine	12.54	184	284778	31.032	ng	97
77) Pyrene	12.64	202	743224	41.063	ng	99
79) Butylbenzylphthalate	13.26	149	336796	42.919	ng	98
80) Benzo(a)anthracene	13.82	228	551748	40.473	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	130923	23.851	ng	99
82) Chrysene	13.86	228	591622	41.316	ng	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	434931	45.429	ng	99
84) Di-n-octyl phthalate	14.42	149	723347	47.800	ng	99
85) Indeno(1,2,3-cd)pyrene	16.59	276	511999	49.954	ng	100
87) Benzo(b)fluoranthene	14.83	252	481372	41.629	ng	99
88) Benzo(k)fluoranthene	14.86	252	451669	38.875	ng	99
89) Benzo(a)pyrene	15.17	252	439937	41.925	ng	99
90) Dibenzo(a,h)anthracene	16.59	278	419353	48.660	ng	98
91) Benzo(g,h,i)perylene	16.99	276	448573	52.124	ng	99

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

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