Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
Data File : BF109787.D
Acq On : 11 Oct 2018 15:24
Operator : JU/SJ
Sample : J5309-15MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-23MS

Manual Integrations APPROVED
Sohil
10/12/2018 11:01:20 AM

Quant Time: Oct 11 16:44:32 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	78871	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	319433	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	149925	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	273286	20.00	ng		0.00
75) Chrysene-d12	13.83	240	178262	20.00	ng		0.00
86) Perylene-d12	15.23	264	204833	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	530367	119.36	ng		0.00
7) Phenol-d6	6.35	99	680182	114.59	ng		0.00
23) Nitrobenzene-d5	7.26	82	421326	72.71	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	171073	104.72	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	788644	72.45	ng		0.00
78) Terphenyl-d14	12.78	244	662330	71.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	67592	28.985	ng		97
3) Pyridine	3.13	79	137679	28.617	ng		99
4) n-Nitrosodimethylamine	3.06	42	66221	38.134	ng	#	91
6) Aniline	6.37	93	104604	15.128	ng	#	51
8) 2-Chlorophenol	6.49	128	209722	38.377	ng		97
9) Benzaldehyde	6.25	77	94195	24.660	ng		98
10) Phenol	6.36	94	235615	34.616	ng	#	76
11) bis(2-Chloroethyl)ether	6.43	93	173428	30.734	ng		98
12) 1,3-Dichlorobenzene	6.63	146	212041	33.925	ng		98
13) 1,4-Dichlorobenzene	6.71	146	235643	34.586	ng		99
14) 1,2-Dichlorobenzene	6.86	146	208420	34.833	ng		99
15) Benzyl Alcohol	6.85	79	166252	37.780	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	264209	35.311	ng		99
17) 2-Methylphenol	6.96	107	162615	37.630	ng		92
18) Hexachloroethane	7.20	117	85609	35.549	ng		95
19) n-Nitroso-di-n-propylamine	7.12	70	152967	36.748	ng		97
20) 3+4-Methylphenols	7.12	107	202196	37.971	ng		94
22) Acetophenone	7.11	105	302716	39.189	ng	#	98
24) Nitrobenzene	7.28	77	216978	35.984	ng		99
25) Isophorone	7.52	82	413029	42.922	ng		100
26) 2-Nitrophenol	7.60	139	99418	35.249	ng		96
27) 2,4-Dimethylphenol	7.65	122	183254	44.993	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	257303	39.531	ng		99
29) 2,4-Dichlorophenol	7.85	162	174332	38.160	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	184010	36.385	ng		100
31) Naphthalene	8.00	128	607085	41.094	ng		100
32) Benzoic acid	7.65	122	183254	62.931	ng	#	12
33) 4-Chloroaniline	8.06	127	61211	9.409	ng		95
34) Hexachlorobutadiene	8.12	225	113228	36.009	ng		97
35) Caprolactam	8.42	113	42884m	31.432	ng		
36) 4-Chloro-3-methylphenol	8.55	107	188898	39.171	ng		99
37) 2-Methylnaphthalene	8.69	142	400484	41.386	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	189723	37.175	ng		98
40) Hexachlorocyclopentadiene	8.85	237	147592	67.303	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	112845	36.988	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	130445	37.187	ng		98
45) 1,1'-Biphenyl	9.15	154	491311	36.683	ng		99
46) 2-Chloronaphthalene	9.17	162	377942	37.665	ng		99
47) 2-Nitroaniline	9.27	65	119949	39.479	ng		96
48) Acenaphthylene	9.59	152	594289	40.625	ng		99
49) Dimethylphthalate	9.45	163	501408	45.601	ng		100
50) 2,6-Dinitrotoluene	9.52	165	93289	39.140	ng		98
51) Acenaphthene	9.76	154	332396	38.330	ng		99
52) 3-Nitroaniline	9.69	138	43164	16.156	ng		91
53) 2,4-Dinitrophenol	9.81	184	9899	12.873	ng	#	51
54) Dibenzofuran	9.93	168	503312	38.719	ng		99
55) 4-Nitrophenol	9.87	139	84837	58.010	ng		87
56) 2,4-Dinitrotoluene	9.92	165	119305	40.110	ng		99
57) Fluorene	10.27	166	398482	41.049	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	105677	37.060	ng		97
59) Diethylphthalate	10.15	149	428673	39.347	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	193924	37.867	ng		100
61) 4-Nitroaniline	10.30	138	86059	34.781	ng		99
62) Azobenzene	10.42	77	430549	38.917	ng		100
64) 4,6-Dinitro-2-methylphenol	10.33	198	25617	19.259	ng		89
65) n-Nitrosodiphenylamine	10.39	169	362003	39.074	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	120567	38.396	ng		97
67) Hexachlorobenzene	10.82	284	128386	37.758	ng		98
68) Atrazine	10.91	200	110471	38.209	ng		99
69) Pentachlorophenol	11.02	266	85683	44.782	ng		99
70) Phenanthrene	11.23	178	537610	39.310	ng		100
71) Anthracene	11.28	178	595589	42.128	ng		99
72) Carbazole	11.44	167	488054	35.594	ng		99
73) Di-n-butylphthalate	11.76	149	622073	39.116	ng		100
74) Fluoranthene	12.41	202	524408	36.704	ng		97
76) Benzidine	12.54	184	117112	17.685	ng		100
77) Pyrene	12.63	202	504427	38.622	ng		99
79) Butylbenzylphthalate	13.25	149	214378	37.859	ng		99
80) Benzo(a)anthracene	13.82	228	390382	39.684	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	81441	20.561	ng		99
82) Chrysene	13.86	228	409328	39.614	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	283888	41.093	ng		98
84) Di-n-octyl phthalate	14.42	149	524123	47.998	ng		99
85) Indeno(1,2,3-cd)pyrene	16.59	276	510297	68.998	ng		99
87) Benzo(b)fluoranthene	14.83	252	381746	33.725	ng		99
88) Benzo(k)fluoranthene	14.86	252	444078	39.046	ng		99
89) Benzo(a)pyrene	15.17	252	415344	40.434	ng		97
90) Dibenzo(a,h)anthracene	16.59	278	424398	50.306	ng		98
91) Benzo(g,h,i)perylene	16.99	276	423921	50.321	ng		99

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

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