Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101718\
Data File : BG037399.D
Acq On : 17 Oct 2018 20:46
Operator : JU/SJ
Sample : J5539-08MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-10-5-7FTMS

Manual Integrations APPROVED
Sohil
10/18/2018 2:25:27 PM

Quant Time: Oct 18 11:56:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 15:19:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	75368	20.00	ng		-0.01
21) Naphthalene-d8	10.93	136	330098	20.00	ng		-0.02
39) Acenaphthene-d10	14.75	164	213785	20.00	ng		-0.01
64) Phenanthrene-d10	17.49	188	469525	20.00	ng		-0.02
76) Chrysene-d12	21.78	240	442134	20.00	ng		-0.02
87) Perylene-d12	25.12	264	490150	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	609127	142.24	ng		0.00
7) Phenol-d6	7.25	99	898578	138.24	ng		0.00
23) Nitrobenzene-d5	9.29	82	514505	102.47	ng		-0.01
42) 2,4,6-Tribromophenol	16.23	330	310446	148.07	ng		-0.01
45) 2-Fluorobiphenyl	13.37	172	1144125	80.37	ng		-0.01
79) Terphenyl-d14	20.09	244	1541268	73.20	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	56265	23.393	ng		96
3) Pyridine	3.93	79	171211	29.981	ng		92
4) n-Nitrosodimethylamine	3.86	42	84616	38.156	ng	#	94
6) Aniline	7.44	93	236070	27.744	ng		99
8) 2-Chlorophenol	7.67	128	219145	43.723	ng		99
9) Benzaldehyde	7.25	77	95588	21.359	ng		96
10) Phenol	7.28	94	346102	50.556	ng		99
11) bis(2-Chloroethyl)ether	7.53	93	207163	37.040	ng		97
12) 1,3-Dichlorobenzene	7.99	146	214475	36.400	ng		98
13) 1,4-Dichlorobenzene	8.15	146	215201	36.075	ng		99
14) 1,2-Dichlorobenzene	8.46	146	212352	36.735	ng		97
15) Benzyl Alcohol	8.35	79	211409	41.579	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.63	45	385926	34.905	ng		97
17) 2-Methylphenol	8.54	107	206955	45.138	ng		98
18) Hexachloroethane	9.20	117	78280	38.447	ng		92
19) n-Nitroso-di-n-propylamine	8.92	70	182475	37.079	ng		95
20) 3+4-Methylphenols	8.87	107	291492	45.468	ng		98
22) Acetophenone	8.94	105	341415	41.030	ng	#	98
24) Nitrobenzene	9.33	77	252372	46.929	ng		95
25) Isophorone	9.85	82	524495	45.760	ng		96
26) 2-Nitrophenol	10.04	139	119565	56.722	ng		96
27) 2,4-Dimethylphenol	10.09	122	248745	51.920	ng		97
28) bis(2-Chloroethoxy)methane	10.33	93	311179	43.394	ng		97
29) 2,4-Dichlorophenol	10.57	162	244365	50.248	ng		99
30) 1,2,4-Trichlorobenzene	10.79	180	235697	39.828	ng		99
31) Naphthalene	10.99	128	703886	43.876	ng		99
32) Benzoic acid	10.15	122	22026	8.326	ng		92
33) 4-Chloroaniline	11.09	127	142832	18.980	ng		98
34) Hexachlorobutadiene	11.25	225	137425	37.395	ng		98
35) Caprolactam	11.88	113	96878m	48.864	ng		
36) 4-Chloro-3-methylphenol	12.20	107	265438	46.215	ng		99
37) 2-Methylnaphthalene	12.58	142	526260	44.950	ng		98
38) 1-Methylnaphthalene	12.80	142	513886	44.942	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	275263	39.759	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	319228	111.848	ng		98
43) 2,4,6-Trichlorophenol	13.18	196	201779	50.240	ng		99
44) 2,4,5-Trichlorophenol	13.25	196	216583	50.120	ng	#	92
46) 1,1'-Biphenyl	13.58	154	681929	38.776	ng		97
47) 2-Chloronaphthalene	13.63	162	540429	40.683	ng		99
48) 2-Nitroaniline	13.83	65	176331	48.873	ng		97
49) Acenaphthylene	14.48	152	874363	43.028	ng		99
50) Dimethylphthalate	14.20	163	835575	49.734	ng		99
51) 2,6-Dinitrotoluene	14.32	165	152609	46.887	ng		99
52) Acenaphthene	14.81	154	519190	41.363	ng		99
53) 3-Nitroaniline	14.66	138	105592	30.039	ng		97
54) 2,4-Dinitrophenol	14.86	184	52236	62.135	ng		96
55) Dibenzofuran	15.15	168	809949	39.767	ng		97
56) 4-Nitrophenol	14.95	139	265990	97.075	ng		96
57) 2,4-Dinitrotoluene	15.10	165	212428	51.049	ng		95
58) Fluorene	15.79	166	659551	42.818	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	182234	47.632	ng	#	95
60) Diethylphthalate	15.55	149	690668	39.668	ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	334104	37.107	ng		98
62) 4-Nitroaniline	15.82	138	149962	40.645	ng		92
63) Azobenzene	16.07	77	668065	40.019	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	89576	59.347	ng		88
66) n-Nitrosodiphenylamine	16.00	169	615815	44.661	ng		98
67) 4-Bromophenyl-phenylether	16.67	248	211599	41.757	ng		96
68) Hexachlorobenzene	16.78	284	208261	39.639	ng		97
69) Atrazine	16.94	200	224779	43.861	ng		98
70) Pentachlorophenol	17.13	266	258625	76.297	ng		96
71) Phenanthrene	17.54	178	1018161	42.600	ng		98
72) Anthracene	17.62	178	1027365	43.916	ng		96
73) Carbazole	17.89	167	949776	39.404	ng		98
74) Di-n-butylphthalate	18.44	149	1097982	42.501	ng		99
75) Fluoranthene	19.54	202	1143119	40.921	ng		98
77) Benzidine	19.72	184	519938	30.740	ng		99
78) Pyrene	19.90	202	1165147	40.435	ng		98
80) Butylbenzylphthalate	20.77	149	521791	46.542	ng		99
81) Benzo(a)anthracene	21.76	228	1142446	43.144	ng		98
82) 3,3'-Dichlorobenzidine	21.67	252	226743	22.198	ng		98
83) Chrysene	21.83	228	1068053	42.284	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	747137	46.409	ng		98
85) Di-n-octyl phthalate	22.89	149	1270778	48.633	ng		99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1316724	47.030	ng	#	97
88) Benzo(b)fluoranthene	24.05	252	1159538	43.512	ng		98
89) Benzo(k)fluoranthene	24.12	252	1122450	42.686	ng		97
90) Benzo(a)pyrene	24.96	252	1131784	44.291	ng		98
91) Dibenzo(a,h)anthracene	29.02	278	1065993	43.599	ng		97
92) Benzo(g,h,i)perylene	30.17	276	1091801	44.711	ng		100

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

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