Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
Data File : BG037104.D
Acq On : 2 Oct 2018 14:07
Operator : JU/SJ
Sample : J5206-01MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-1MS

Manual Integrations APPROVED
Sohil
10/2/2018 5:29:01 PM

Quant Time: Oct 02 17:21:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	49539	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	209415	20.00	ng		-0.01
38) Acenaphthene-d10	14.67	164	137290	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	344957	20.00	ng		0.00
75) Chrysene-d12	21.68	240	340014	20.00	ng		-0.01
86) Perylene-d12	24.88	264	347898	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	431177	166.92	ng		0.00
7) Phenol-d6	7.21	99	587546	147.01	ng		0.00
23) Nitrobenzene-d5	9.20	82	391852	100.20	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	244120	148.62	ng		-0.01
44) 2-Fluorobiphenyl	13.29	172	800212	86.81	ng		-0.01
78) Terphenyl-d14	20.02	244	1285273	99.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	45077	38.136	ng		99
3) Pyridine	3.92	79	113766	33.334	ng		95
4) n-Nitrosodimethylamine	3.83	42	67219	44.314	ng	#	97
6) Aniline	7.36	93	150058	28.936	ng		98
8) 2-Chlorophenol	7.61	128	125279	41.769	ng		96
9) Benzaldehyde	7.18	77	63223	23.940	ng		95
10) Phenol	7.23	94	182014	44.128	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	128544	33.691	ng		97
12) 1,3-Dichlorobenzene	7.93	146	136577	37.142	ng		98
13) 1,4-Dichlorobenzene	8.08	146	137025	36.413	ng		100
14) 1,2-Dichlorobenzene	8.39	146	133178	36.521	ng		96
15) Benzyl Alcohol	8.28	79	113040	34.858	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	266406	36.370	ng		98
17) 2-Methylphenol	8.48	107	110252	38.374	ng		98
18) Hexachloroethane	9.12	117	53620	38.721	ng		94
19) n-Nitroso-di-n-propylamine	8.84	70	112674	33.890	ng		96
20) 3+4-Methylphenols	8.81	107	157203	39.331	ng		98
22) Acetophenone	8.86	105	203394	41.330	ng	#	97
24) Nitrobenzene	9.24	77	164331	39.350	ng		96
25) Isophorone	9.76	82	316270	44.262	ng		99
26) 2-Nitrophenol	9.96	139	70560	42.389	ng		97
27) 2,4-Dimethylphenol	10.01	122	120812	46.593	ng		96
28) bis(2-Chloroethoxy)methane	10.24	93	181058	41.065	ng		97
29) 2,4-Dichlorophenol	10.49	162	130568	43.439	ng		96
30) 1,2,4-Trichlorobenzene	10.70	180	141763	37.687	ng		99
31) Naphthalene	10.89	128	417097	41.860	ng		100
32) Benzoic acid	10.15	122	32455	20.175	ng		97
33) 4-Chloroaniline	11.01	127	102215	22.562	ng		99
34) Hexachlorobutadiene	11.17	225	93458	35.927	ng		97
35) Caprolactam	11.78	113	48974m	39.586	ng		
36) 4-Chloro-3-methylphenol	12.12	107	155475	43.350	ng		97
37) 2-Methylnaphthalene	12.49	142	312833	41.223	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	173424	36.217	ng		98
40) Hexachlorocyclopentadiene	12.84	237	196354	79.731	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	110004	41.370	ng		95
43) 2,4,5-Trichlorophenol	13.18	196	119636	42.194	ng		99
45) 1,1'-Biphenyl	13.50	154	411139	39.102	ng		96
46) 2-Chloronaphthalene	13.55	162	314323	38.013	ng		99
47) 2-Nitroaniline	13.75	65	115619	40.426	ng		97
48) Acenaphthylene	14.39	152	542207	41.846	ng		99
49) Dimethylphthalate	14.12	163	665813	60.250	ng		100
50) 2,6-Dinitrotoluene	14.24	165	94324	39.120	ng		97
51) Acenaphthene	14.73	154	307630	39.284	ng		99
52) 3-Nitroaniline	14.57	138	77401	30.464	ng		97
53) 2,4-Dinitrophenol	14.78	184	81576	72.939	ng		93
54) Dibenzofuran	15.06	168	515741	38.936	ng		99
55) 4-Nitrophenol	14.89	139	142323	87.685	ng		97
56) 2,4-Dinitrotoluene	15.03	165	137511	40.872	ng		93
57) Fluorene	15.71	166	415436	41.961	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	125285	43.558	ng		96
59) Diethylphthalate	15.48	149	439162	39.401	ng		98
60) 4-Chlorophenyl-phenylether	15.70	204	225079	35.898	ng		98
61) 4-Nitroaniline	15.74	138	104148	38.970	ng		97
62) Azobenzene	16.00	77	445770	41.623	ng		98
64) 4,6-Dinitro-2-methylphenol	15.79	198	74680	41.409	ng		97
65) n-Nitrosodiphenylamine	15.92	169	379498	39.849	ng		97
66) 4-Bromophenyl-phenylether	16.60	248	145295	37.030	ng		97
67) Hexachlorobenzene	16.72	284	147140	36.411	ng		100
68) Atrazine	16.87	200	159312	41.315	ng		98
69) Pentachlorophenol	17.06	266	166957	65.620	ng		98
70) Phenanthrene	17.45	178	700902	42.164	ng		99
71) Anthracene	17.54	178	720615	43.840	ng		100
72) Carbazole	17.82	167	639919	39.929	ng		97
73) Di-n-butylphthalate	18.36	149	741617	41.669	ng		100
74) Fluoranthene	19.46	202	841508	42.055	ng		99
76) Benzidine	19.64	184	293046	28.511	ng		99
77) Pyrene	19.82	202	821718	40.273	ng		100
79) Butylbenzylphthalate	20.70	149	343434	42.229	ng		96
80) Benzo(a)anthracene	21.66	228	808071	40.713	ng		99
81) 3,3'-Dichlorobenzidine	21.57	252	184955	24.481	ng		97
82) Chrysene	21.72	228	767203	40.006	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	486018	42.778	ng		98
84) Di-n-octyl phthalate	22.76	149	816717	43.661	ng		98
85) Indeno(1,2,3-cd)pyrene	28.53	276	889188	43.178	ng	#	92
87) Benzo(b)fluoranthene	23.87	252	782929	42.228	ng		97
88) Benzo(k)fluoranthene	23.93	252	777435	41.796	ng		100
89) Benzo(a)pyrene	24.73	252	767614	42.825	ng		99
90) Dibenzo(a,h)anthracene	28.59	278	726253	43.232	ng		100
91) Benzo(g,h,i)perylene	29.67	276	746109	44.254	ng		99

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

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