Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
Data File : BG037017.D
Acq On : 27 Sep 2018 16:39
Operator : JU/SJ
Sample : PB113269BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB113269BS

Manual Integrations APPROVED
Sohil
9/28/2018 4:24:33 PM

Quant Time: Sep 27 19:06:10 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	42497	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	183483	20.00	ng		-0.01
38) Acenaphthene-d10	14.67	164	115576	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	310037	20.00	ng		0.00
75) Chrysene-d12	21.68	240	314036	20.00	ng		-0.01
86) Perylene-d12	24.88	264	310833	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	293594	132.49	ng		0.00
7) Phenol-d6	7.20	99	402129	117.29	ng		-0.01
23) Nitrobenzene-d5	9.21	82	248489	72.52	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	161314	116.66	ng		-0.01
44) 2-Fluorobiphenyl	13.29	172	553088	71.27	ng		-0.01
78) Terphenyl-d14	20.02	244	978993	81.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	44273	43.663	ng		95
3) Pyridine	3.91	79	124082	42.381	ng		96
4) n-Nitrosodimethylamine	3.83	42	64082	49.246	ng	#	97
6) Aniline	7.37	93	143889	32.345	ng		98
8) 2-Chlorophenol	7.61	128	119248	46.346	ng		95
9) Benzaldehyde	7.18	77	61552	27.170	ng		96
10) Phenol	7.23	94	163998	46.349	ng		94
11) bis(2-Chloroethyl)ether	7.46	93	124215	37.951	ng		99
12) 1,3-Dichlorobenzene	7.93	146	128039	40.590	ng		98
13) 1,4-Dichlorobenzene	8.08	146	127175	39.396	ng		99
14) 1,2-Dichlorobenzene	8.39	146	123356	39.433	ng		94
15) Benzyl Alcohol	8.28	79	111327	40.019	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	248627	39.567	ng		99
17) 2-Methylphenol	8.48	107	106834	43.346	ng		99
18) Hexachloroethane	9.12	117	48562	40.879	ng		97
19) n-Nitroso-di-n-propylamine	8.84	70	102743	36.024	ng		98
20) 3+4-Methylphenols	8.81	107	147000	42.872	ng		98
22) Acetophenone	8.86	105	179262	41.575	ng	#	99
24) Nitrobenzene	9.25	77	152658	41.721	ng		98
25) Isophorone	9.76	82	288455	46.074	ng		100
26) 2-Nitrophenol	9.96	139	65024	44.584	ng		97
27) 2,4-Dimethylphenol	10.01	122	111665	49.152	ng		96
28) bis(2-Chloroethoxy)methane	10.25	93	158785	41.103	ng		97
29) 2,4-Dichlorophenol	10.49	162	121482	46.128	ng		95
30) 1,2,4-Trichlorobenzene	10.71	180	128614	39.024	ng		97
31) Naphthalene	10.90	128	368439	42.202	ng		97
32) Benzoic acid	10.15	122	60683	36.456	ng		95
33) 4-Chloroaniline	11.01	127	102290	25.770	ng		98
34) Hexachlorobutadiene	11.17	225	87062	38.199	ng		97
35) Caprolactam	11.78	113	49314m	45.495	ng		
36) 4-Chloro-3-methylphenol	12.12	107	141475	45.021	ng		98
37) 2-Methylnaphthalene	12.50	142	279900	42.096	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	156635	38.857	ng		99
40) Hexachlorocyclopentadiene	12.84	237	191388	92.315	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	102145	45.631 ng	97
43) 2,4,5-Trichlorophenol	13.18	196	116145	48.659 ng	99
45) 1,1'-Biphenyl	13.50	154	359090	40.568 ng	98
46) 2-Chloronaphthalene	13.55	162	274397	39.420 ng	100
47) 2-Nitroaniline	13.75	65	111529	46.322 ng	95
48) Acenaphthylene	14.39	152	468146	42.918 ng	99
49) Dimethylphthalate	14.12	163	383807	41.256 ng	100
50) 2,6-Dinitrotoluene	14.24	165	84211	41.488 ng	98
51) Acenaphthene	14.73	154	269257	40.843 ng	99
52) 3-Nitroaniline	14.58	138	67601	31.606 ng	96
53) 2,4-Dinitrophenol	14.78	184	90476	93.667 ng	94
54) Dibenzofuran	15.07	168	447916	40.168 ng	99
55) 4-Nitrophenol	14.89	139	147958	108.283 ng	100
56) 2,4-Dinitrotoluene	15.03	165	124859	44.084 ng	93
57) Fluorene	15.72	166	369784	44.368 ng	97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	113849	47.018 ng	98
59) Diethylphthalate	15.48	149	392279	41.807 ng	99
60) 4-Chlorophenyl-phenylether	15.70	204	201630	38.200 ng	98
61) 4-Nitroaniline	15.74	138	96073	42.703 ng	97
62) Azobenzene	16.00	77	391707	43.447 ng	99
64) 4,6-Dinitro-2-methylphenol	15.79	198	71957	44.393 ng	97
65) n-Nitrosodiphenylamine	15.92	169	336248	39.285 ng	98
66) 4-Bromophenyl-phenylether	16.60	248	130645	37.047 ng	97
67) Hexachlorobenzene	16.72	284	133473	36.749 ng	98
68) Atrazine	16.87	200	143204	41.320 ng	98
69) Pentachlorophenol	17.06	266	166206	72.682 ng	97
70) Phenanthrene	17.45	178	634777	42.487 ng	99
71) Anthracene	17.55	178	649271	43.949 ng	99
72) Carbazole	17.81	167	590274	40.980 ng	98
73) Di-n-butylphthalate	18.36	149	695669	43.490 ng	98
74) Fluoranthene	19.46	202	794253	44.164 ng	99
76) Benzidine	19.65	184	353115	37.197 ng	97
77) Pyrene	19.82	202	782286	41.512 ng	99
79) Butylbenzylphthalate	20.70	149	324758	43.235 ng	98
80) Benzo(a)anthracene	21.66	228	771829	42.103 ng	99
81) 3,3'-Dichlorobenzidine	21.57	252	204886	29.363 ng	100
82) Chrysene	21.73	228	717211	40.493 ng	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	450053	42.890 ng	99
84) Di-n-octyl phthalate	22.77	149	749178	43.363 ng	100
85) Indeno(1,2,3-cd)pyrene	28.54	276	831691	43.727 ng	100
87) Benzo(b)fluoranthene	23.87	252	739985	44.671 ng	99
88) Benzo(k)fluoranthene	23.93	252	721051	43.387 ng	98
89) Benzo(a)pyrene	24.73	252	718444	44.862 ng	99
90) Dibenzo(a,h)anthracene	28.60	278	674342	44.929 ng	99
91) Benzo(g,h,i)perylene	29.67	276	691946	45.936 ng	98

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

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