Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
Data File : BG037078.D
Acq On : 1 Oct 2018 16:23
Operator : JU/SJ
Sample : PB113368BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB113368BS

Manual Integrations APPROVED
Sohil
10/2/2018 5:20:41 PM

Quant Time: Oct 01 17:06:12 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	51808	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	231990	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	152184	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	377186	20.00	ng		0.00
75) Chrysene-d12	21.68	240	376786	20.00	ng		0.00
86) Perylene-d12	24.88	264	355434	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	355016	131.42	ng		0.00
7) Phenol-d6	7.20	99	486942	116.50	ng		0.00
23) Nitrobenzene-d5	9.20	82	302790	69.89	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	193995	106.54	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	686246	67.16	ng		0.00
78) Terphenyl-d14	20.02	244	1131198	78.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	47523	38.445	ng		98
3) Pyridine	3.91	79	127426	35.701	ng		98
4) n-Nitrosodimethylamine	3.83	42	70288	44.307	ng	#	91
6) Aniline	7.36	93	179983	33.187	ng		98
8) 2-Chlorophenol	7.60	128	142803	45.526	ng		92
9) Benzaldehyde	7.18	77	68169	24.683	ng		98
10) Phenol	7.23	94	199897	46.341	ng		95
11) bis(2-Chloroethyl)ether	7.46	93	142887	35.810	ng		99
12) 1,3-Dichlorobenzene	7.93	146	149805	38.955	ng		98
13) 1,4-Dichlorobenzene	8.07	146	151555	38.511	ng		98
14) 1,2-Dichlorobenzene	8.39	146	147968	38.799	ng		98
15) Benzyl Alcohol	8.28	79	130309	38.424	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.56	45	292309	38.158	ng		97
17) 2-Methylphenol	8.48	107	124844	41.550	ng		96
18) Hexachloroethane	9.12	117	59595	41.151	ng		96
19) n-Nitroso-di-n-propylamine	8.84	70	123917	35.639	ng		92
20) 3+4-Methylphenols	8.81	107	175638	42.018	ng		98
22) Acetophenone	8.86	105	226086	41.471	ng	#	99
24) Nitrobenzene	9.24	77	182934	39.542	ng		98
25) Isophorone	9.76	82	344781	43.556	ng		99
26) 2-Nitrophenol	9.95	139	77643	42.105	ng		97
27) 2,4-Dimethylphenol	10.01	122	136544	47.536	ng		98
28) bis(2-Chloroethoxy)methane	10.25	93	198191	40.576	ng		98
29) 2,4-Dichlorophenol	10.49	162	146886	44.112	ng		95
30) 1,2,4-Trichlorobenzene	10.71	180	161854	38.841	ng		96
31) Naphthalene	10.89	128	460076	41.680	ng		99
32) Benzoic acid	10.16	122	58118	29.025	ng		92
33) 4-Chloroaniline	11.00	127	128778	25.659	ng		98
34) Hexachlorobutadiene	11.18	225	108423	37.624	ng		96
35) Caprolactam	11.78	113	53977m	39.385	ng		
36) 4-Chloro-3-methylphenol	12.12	107	167313	42.111	ng		99
37) 2-Methylnaphthalene	12.50	142	352066	41.878	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	197433	37.196	ng		99
40) Hexachlorocyclopentadiene	12.84	237	218767	80.138	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	122078	41.417	ng		95
43) 2,4,5-Trichlorophenol	13.17	196	136968	43.579	ng		97
45) 1,1'-Biphenyl	13.50	154	456547	39.171	ng		97
46) 2-Chloronaphthalene	13.54	162	344955	37.635	ng		98
47) 2-Nitroaniline	13.75	65	126356	39.856	ng		97
48) Acenaphthylene	14.39	152	594611	41.399	ng		98
49) Dimethylphthalate	14.12	163	463427	37.831	ng		99
50) 2,6-Dinitrotoluene	14.24	165	104235	39.000	ng		93
51) Acenaphthene	14.73	154	335443	38.643	ng		98
52) 3-Nitroaniline	14.58	138	86491	30.710	ng		92
53) 2,4-Dinitrophenol	14.78	184	80148	65.519	ng		96
54) Dibenzofuran	15.06	168	566581	38.588	ng		99
55) 4-Nitrophenol	14.88	139	158413	88.046	ng		98
56) 2,4-Dinitrotoluene	15.02	165	148808	39.901	ng		93
57) Fluorene	15.71	166	454024	41.371	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	134933	42.321	ng		98
59) Diethylphthalate	15.48	149	469592	38.008	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	252979	36.399	ng		95
61) 4-Nitroaniline	15.74	138	116294	39.256	ng		89
62) Azobenzene	16.00	77	475801	40.079	ng		98
64) 4,6-Dinitro-2-methylphenol	15.79	198	77708	39.406	ng		98
65) n-Nitrosodiphenylamine	15.92	169	413276	39.688	ng		99
66) 4-Bromophenyl-phenylether	16.60	248	163306	38.064	ng		99
67) Hexachlorobenzene	16.72	284	164587	37.248	ng		99
68) Atrazine	16.86	200	162479	38.536	ng		99
69) Pentachlorophenol	17.06	266	178624	64.207	ng		97
70) Phenanthrene	17.46	178	763958	42.030	ng		99
71) Anthracene	17.54	178	778177	43.297	ng		99
72) Carbazole	17.81	167	690175	39.385	ng		98
73) Di-n-butylphthalate	18.37	149	808552	41.548	ng		100
74) Fluoranthene	19.46	202	916763	41.901	ng		99
76) Benzidine	19.64	184	343051	30.118	ng		99
77) Pyrene	19.82	202	909113	40.208	ng		100
79) Butylbenzylphthalate	20.71	149	373021	41.390	ng		93
80) Benzo(a)anthracene	21.66	228	896950	40.780	ng		100
81) 3,3'-Dichlorobenzidine	21.57	252	259004	30.937	ng		100
82) Chrysene	21.73	228	848299	39.917	ng		100
83) Bis(2-ethylhexyl)phthalate	21.56	149	515062	40.910	ng		99
84) Di-n-octyl phthalate	22.76	149	868366	41.891	ng		98
85) Indeno(1,2,3-cd)pyrene	28.53	276	981956	43.029	ng	#	89
87) Benzo(b)fluoranthene	23.87	252	863248	45.573	ng		96
88) Benzo(k)fluoranthene	23.93	252	871053	45.836	ng		100
89) Benzo(a)pyrene	24.73	252	849399	46.383	ng		99
90) Dibenzo(a,h)anthracene	28.59	278	805231	46.917	ng		98
91) Benzo(g,h,i)perylene	29.67	276	811774	47.128	ng		98

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

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