Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037369.D
Acq On : 16 Oct 2018 21:24
Operator : JU/SJ
Sample : J5198-12MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-101218-AMS

Manual Integrations APPROVED
Sohil
10/17/2018 2:59:37 PM

Quant Time: Oct 17 02:31:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	63387	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	274801	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	186646	20.00	ng	-0.01
64) Phenanthrene-d10	17.50	188	454997	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	415676	20.00	ng	-0.02
87) Perylene-d12	25.12	264	447306	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	387779	107.66	ng	0.00
7) Phenol-d6	7.25	99	523608	95.78	ng	0.00
23) Nitrobenzene-d5	9.29	82	333215	79.72	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	219103	119.70	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	804532	64.73	ng	-0.01
79) Terphenyl-d14	20.09	244	1294138	65.37	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	63630	31.456	ng	# 92
3) Pyridine	3.95	79	182539	38.007	ng	95
4) n-Nitrosodimethylamine	3.86	42	88832	47.628	ng	# 93
6) Aniline	7.44	93	96579	13.496	ng	95
8) 2-Chlorophenol	7.67	128	215060	51.018	ng	98
9) Benzaldehyde	7.25	77	77089	20.481	ng	93
10) Phenol	7.28	94	262110	45.524	ng	100
11) bis(2-Chloroethyl)ether	7.53	93	207679	44.151	ng	94
12) 1,3-Dichlorobenzene	8.00	146	213772	43.138	ng	98
13) 1,4-Dichlorobenzene	8.15	146	217356	43.323	ng	99
14) 1,2-Dichlorobenzene	8.47	146	207134	42.605	ng	97
15) Benzyl Alcohol	8.35	79	206418	48.271	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	372278	40.034	ng	98
17) 2-Methylphenol	8.55	107	197494	51.216	ng	98
18) Hexachloroethane	9.20	117	76824	44.863	ng	97
19) n-Nitroso-di-n-propylamine	8.92	70	170858	41.280	ng	94
20) 3+4-Methylphenols	8.88	107	269122	49.913	ng	99
22) Acetophenone	8.95	105	327687	47.304	ng	# 96
24) Nitrobenzene	9.33	77	242129	54.084	ng	97
25) Isophorone	9.85	82	501678	52.576	ng	96
26) 2-Nitrophenol	10.04	139	110230	61.220	ng	95
27) 2,4-Dimethylphenol	10.09	122	239374	60.019	ng	97
28) bis(2-Chloroethoxy)methane	10.33	93	296131	49.605	ng	96
29) 2,4-Dichlorophenol	10.57	162	234678	57.966	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	224020	45.472	ng	96
31) Naphthalene	10.98	128	674206	50.483	ng	100
32) Benzoic acid	10.22	122	135422	61.492	ng	96
33) 4-Chloroaniline	11.10	127	13757	2.196	ng	# 93
34) Hexachlorobutadiene	11.25	225	131203	42.886	ng	97
35) Caprolactam	11.88	113	79608m	48.233	ng	
36) 4-Chloro-3-methylphenol	12.20	107	265399	55.507	ng	98
37) 2-Methylnaphthalene	12.58	142	510960	52.426	ng	98
38) 1-Methylnaphthalene	12.80	142	489295	51.402	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	261252	43.222	ng	99

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Quant Time: Oct 17 02:31:37 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	282283	113.285	ng		99
43) 2,4,6-Trichlorophenol	13.18	196	203670	58.085	ng		98
44) 2,4,5-Trichlorophenol	13.25	196	218149	57.823	ng		96
46) 1,1'-Biphenyl	13.58	154	682308	44.439	ng		98
47) 2-Chloronaphthalene	13.63	162	527647	45.497	ng		99
48) 2-Nitroaniline	13.83	65	176998	55.330	ng		95
49) Acenaphthylene	14.48	152	893935	50.387	ng		99
50) Dimethylphthalate	14.20	163	720764	49.138	ng		99
51) 2,6-Dinitrotoluene	14.33	165	160913	55.627	ng		92
52) Acenaphthene	14.81	154	524989	47.907	ng		98
53) 3-Nitroaniline	14.66	138	34903	11.373	ng	#	95
54) 2,4-Dinitrophenol	14.86	184	116213	158.336	ng		91
55) Dibenzofuran	15.14	168	829872	46.670	ng		97
56) 4-Nitrophenol	14.95	139	270695	113.156	ng		96
57) 2,4-Dinitrotoluene	15.11	165	223189	60.350	ng		97
58) Fluorene	15.79	166	680209	50.580	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	192145	57.525	ng		97
60) Diethylphthalate	15.56	149	740966	48.744	ng		98
61) 4-Chlorophenyl-phenylether	15.78	204	357314	45.455	ng		100
62) 4-Nitroaniline	15.82	138	171765	53.324	ng		96
63) Azobenzene	16.07	77	687520	47.173	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	102189	68.811	ng		97
66) n-Nitrosodiphenylamine	16.00	169	636121	47.607	ng		98
67) 4-Bromophenyl-phenylether	16.68	248	231787	47.202	ng		96
68) Hexachlorobenzene	16.78	284	235073	46.171	ng		99
69) Atrazine	16.94	200	248709	50.080	ng		98
70) Pentachlorophenol	17.13	266	287301	87.463	ng		98
71) Phenanthrene	17.54	178	1147750	49.555	ng		98
72) Anthracene	17.63	178	1169323	51.580	ng		98
73) Carbazole	17.90	167	1093714	46.824	ng		98
74) Di-n-butylphthalate	18.44	149	1278569	51.071	ng		99
75) Fluoranthene	19.54	202	1364105	50.391	ng		97
77) Benzidine	19.72	184	77193	4.854	ng		99
78) Pyrene	19.90	202	1341898	49.532	ng		98
80) Butylbenzylphthalate	20.77	149	591620	56.129	ng		99
81) Benzo(a)anthracene	21.76	228	1282842	51.530	ng		98
82) 3,3'-Dichlorobenzidine	21.67	252	140786	14.660	ng		99
83) Chrysene	21.83	228	1194865	50.315	ng		98
84) Bis(2-ethylhexyl)phthalate	21.64	149	828535	54.741	ng		98
85) Di-n-octyl phthalate	22.89	149	1395697	56.813	ng		99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1452929	55.198	ng	#	96
88) Benzo(b)fluoranthene	24.05	252	1289065	53.006	ng		98
89) Benzo(k)fluoranthene	24.12	252	1226484	51.110	ng		96
90) Benzo(a)pyrene	24.96	252	1251467	53.666	ng		98
91) Dibenzo(a,h)anthracene	29.03	278	1178058	52.798	ng		98
92) Benzo(g,h,i)perylene	30.17	276	1211580	54.368	ng		99

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

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