Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
Data File : BG036989.D
Acq On : 26 Sep 2018 19:50
Operator : JU/SJ
Sample : J4773-12MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-092518-AMSD

Manual Integrations APPROVED
Sohil
9/27/2018 1:37:38 PM

Quant Time: Sep 27 08:37:01 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	8.05	152	43932	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	172729	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	110138	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	276169	20.00	ng	0.00
75) Chrysene-d12	21.68	240	289679	20.00	ng	0.00
86) Perylene-d12	24.89	264	300496	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	275926	120.45	ng	0.00
7) Phenol-d6	7.21	99	347448	98.03	ng	0.00
23) Nitrobenzene-d5	9.20	82	284453	88.19	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	176342	133.82	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	611288	82.66	ng	0.00
78) Terphenyl-d14	20.02	244	1073834	97.47	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	47382	45.202	ng	# 88
3) Pyridine	3.94	79	122110	40.345	ng	98
4) n-Nitrosodimethylamine	3.84	42	74638	55.484	ng	# 89
6) Aniline	7.37	93	166961	36.305	ng	98
8) 2-Chlorophenol	7.61	128	135332	50.879	ng	93
9) Benzaldehyde	7.18	77	80873	34.532	ng	98
10) Phenol	7.24	94	154638	42.276	ng	92
11) bis(2-Chloroethyl)ether	7.46	93	139049	41.096	ng	98
12) 1,3-Dichlorobenzene	7.93	146	143630	44.045	ng	99
13) 1,4-Dichlorobenzene	8.08	146	146386	43.866	ng	98
14) 1,2-Dichlorobenzene	8.40	146	141988	43.906	ng	97
15) Benzyl Alcohol	8.28	79	135274	47.039	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	299903	46.168	ng	99
17) 2-Methylphenol	8.48	107	121215	47.574	ng	96
18) Hexachloroethane	9.12	117	56139	45.714	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	124595	42.259	ng	99
20) 3+4-Methylphenols	8.81	107	165822	46.782	ng	93
22) Acetophenone	8.86	105	223685	55.107	ng	96
24) Nitrobenzene	9.25	77	182622	53.018	ng	99
25) Isophorone	9.77	82	352967	59.889	ng	100
26) 2-Nitrophenol	9.96	139	75286	54.834	ng	97
27) 2,4-Dimethylphenol	10.01	122	135254	63.242	ng	92
28) bis(2-Chloroethoxy)methane	10.25	93	195063	53.637	ng	95
29) 2,4-Dichlorophenol	10.50	162	145996	58.888	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	153906	49.605	ng	95
31) Naphthalene	10.90	128	444343	54.066	ng	99
32) Benzoic acid	10.14	122	20636m	16.886	ng	
33) 4-Chloroaniline	11.01	127	74736	20.000	ng	97
34) Hexachlorobutadiene	11.18	225	105928	49.370	ng	98
35) Caprolactam	11.78	113	38457m	37.688	ng	
36) 4-Chloro-3-methylphenol	12.12	107	171583	58.002	ng	98
37) 2-Methylnaphthalene	12.50	142	348204	55.629	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	198074	51.563	ng	99
40) Hexachlorocyclopentadiene	12.84	237	209801	106.193	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	125390	58.781	ng		98
43) 2,4,5-Trichlorophenol	13.18	196	136441	59.985	ng		99
45) 1,1'-Biphenyl	13.50	154	447748	53.082	ng		98
46) 2-Chloronaphthalene	13.55	162	339888	51.239	ng		100
47) 2-Nitroaniline	13.75	65	134801	58.752	ng		96
48) Acenaphthylene	14.39	152	587916	56.560	ng		99
49) Dimethylphthalate	14.12	163	471752	53.213	ng		98
50) 2,6-Dinitrotoluene	14.24	165	106765	55.197	ng		99
51) Acenaphthene	14.73	154	334504	53.246	ng		98
52) 3-Nitroaniline	14.57	138	73297	35.961	ng		99
53) 2,4-Dinitrophenol	14.79	184	20551	28.153	ng	#	78
54) Dibenzofuran	15.07	168	559636	52.665	ng		99
55) 4-Nitrophenol	14.89	139	128838	98.946	ng		94
56) 2,4-Dinitrotoluene	15.03	165	150412	55.728	ng		94
57) Fluorene	15.71	166	448368	56.452	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	136091	58.979	ng		98
59) Diethylphthalate	15.48	149	468739	52.422	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	252779	50.255	ng		99
61) 4-Nitroaniline	15.74	138	112153	52.311	ng		98
62) Azobenzene	16.00	77	480415	55.917	ng		99
64) 4,6-Dinitro-2-methylphenol	15.80	198	36625	25.366	ng		95
65) n-Nitrosodiphenylamine	15.93	169	409934	53.767	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	164372	52.327	ng		99
67) Hexachlorobenzene	16.72	284	163507	50.539	ng		98
68) Atrazine	16.87	200	176178	57.069	ng		97
69) Pentachlorophenol	17.07	266	131051	64.337	ng		96
70) Phenanthrene	17.46	178	759071	57.037	ng		98
71) Anthracene	17.55	178	770196	58.528	ng		100
72) Carbazole	17.82	167	696078	54.252	ng		99
73) Di-n-butylphthalate	18.37	149	801619	56.259	ng		99
74) Fluoranthene	19.46	202	947421	59.141	ng		100
76) Benzidine	19.64	184	352344	40.236	ng		97
77) Pyrene	19.83	202	934098	53.736	ng		100
79) Butylbenzylphthalate	20.71	149	392077	56.587	ng		96
80) Benzo(a)anthracene	21.67	228	953653	56.396	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	252777	39.272	ng		99
82) Chrysene	21.73	228	902846	55.259	ng		99
83) Bis(2-ethylhexyl)phthalate	21.57	149	540942	55.886	ng		100
84) Di-n-octyl phthalate	22.77	149	915618	57.453	ng		100
85) Indeno(1,2,3-cd)pyrene	28.55	276	1064231	60.658	ng	#	95
87) Benzo(b)fluoranthene	23.87	252	937395	58.535	ng		98
88) Benzo(k)fluoranthene	23.94	252	924527	57.544	ng		99
89) Benzo(a)pyrene	24.74	252	926127	59.819	ng		99
90) Dibenzo(a,h)anthracene	28.60	278	865335	59.637	ng		98
91) Benzo(g,h,i)perylene	29.69	276	868302	59.626	ng		98

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

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