Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
Data File : BG040293.D
Acq On : 2 Apr 2019 10:27
Operator : JU/SJ
Sample : K1689-04MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NB-08-032919-AMSD

Manual Integrations APPROVED
Sohil
4/2/2019 4:00:38 PM

Quant Time: Apr 02 11:24:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	59385	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	258004	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	178070	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	433088	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	415144	20.00	ng	-0.02
87) Perylene-d12	25.07	264	421017	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	475943	133.23	ng	-0.01
7) Phenol-d6	7.21	99	635097	128.64	ng	-0.01
23) Nitrobenzene-d5	9.23	82	449567	92.62	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	317943	165.21	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1067400	88.82	ng	-0.02
79) Terphenyl-d14	20.03	244	1654515	89.66	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	58091	34.584	ng	# 25
3) Pyridine	3.92	79	153600	33.963	ng	99
4) n-Nitrosodimethylamine	3.83	42	79263	37.889	ng	# 83
6) Aniline	7.38	93	72310	11.274	ng	96
8) 2-Chlorophenol	7.62	128	192705	46.084	ng	97
9) Benzaldehyde	7.20	77	136456	40.295	ng	98
10) Phenol	7.24	94	220580	41.164	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	189144	44.070	ng	97
12) 1,3-Dichlorobenzene	7.94	146	189219	41.626	ng	96
13) 1,4-Dichlorobenzene	8.09	146	194629	42.989	ng	98
14) 1,2-Dichlorobenzene	8.41	146	185028	42.736	ng	98
15) Benzyl Alcohol	8.29	79	183184	46.074	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	346276	42.039	ng	98
17) 2-Methylphenol	8.49	107	178872	48.240	ng	98
18) Hexachloroethane	9.13	117	70097	40.704	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	159943	45.187	ng	98
20) 3+4-Methylphenols	8.82	107	250063	49.781	ng	97
22) Acetophenone	8.89	105	310674	48.272	ng	# 96
24) Nitrobenzene	9.28	77	228768	45.513	ng	98
25) Isophorone	9.79	82	473035	47.363	ng	99
26) 2-Nitrophenol	9.98	139	113922	47.832	ng	95
27) 2,4-Dimethylphenol	10.03	122	215063	56.847	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	280808	47.524	ng	99
29) 2,4-Dichlorophenol	10.51	162	219675	53.496	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	210182	46.614	ng	97
31) Naphthalene	10.92	128	631723	47.769	ng	99
32) Benzoic acid	10.14	122	26229	11.475	ng	90
33) 4-Chloroaniline	11.04	127	15061	2.670	ng	95
34) Hexachlorobutadiene	11.18	225	125866	43.647	ng	96
35) Caprolactam	11.82	113	62684m	38.466	ng	
36) 4-Chloro-3-methylphenol	12.14	107	257149	54.471	ng	100
37) 2-Methylnaphthalene	12.52	142	491844	50.287	ng	99
38) 1-Methylnaphthalene	12.74	142	472724	49.843	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	253088	44.718	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	256177	82.436	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	191737	52.545	ng	97
44) 2,4,5-Trichlorophenol	13.19	196	207576	52.190	ng	97
46) 1,1'-Biphenyl	13.52	154	649034	46.129	ng	99
47) 2-Chloronaphthalene	13.57	162	504632	46.758	ng	99
48) 2-Nitroaniline	13.78	65	178696	49.087	ng	97
49) Acenaphthylene	14.41	152	853812	46.660	ng	100
50) Dimethylphthalate	14.14	163	682454	48.969	ng	100
51) 2,6-Dinitrotoluene	14.27	165	158038	50.504	ng	95
52) Acenaphthene	14.75	154	509374	48.580	ng	98
53) 3-Nitroaniline	14.60	138	24492	7.394	ng	97
54) 2,4-Dinitrophenol	14.80	184	35322	21.225	ng	94
55) Dibenzofuran	15.08	168	826795	49.073	ng	99
56) 4-Nitrophenol	14.91	139	210092	78.587	ng	92
57) 2,4-Dinitrotoluene	15.05	165	226738	52.146	ng	100
58) Fluorene	15.73	166	654826	49.434	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	203204	56.302	ng	98
60) Diethylphthalate	15.49	149	714204	50.081	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	359436	50.763	ng	98
62) 4-Nitroaniline	15.77	138	167151	47.022	ng	98
63) Azobenzene	16.01	77	650713	48.373	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	47577	19.554	ng	89
66) n-Nitrosodiphenylamine	15.94	169	628624	49.602	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	242811	49.820	ng	98
68) Hexachlorobenzene	16.73	284	247228	50.451	ng	98
69) Atrazine	16.88	200	230923	48.983	ng	98
70) Pentachlorophenol	17.08	266	137494	48.532	ng	98
71) Phenanthrene	17.48	178	1114710	48.968	ng	99
72) Anthracene	17.57	178	1125829	49.411	ng	98
73) Carbazole	17.84	167	1049100	48.652	ng	99
74) Di-n-butylphthalate	18.37	149	1210109	47.344	ng	98
75) Fluoranthene	19.48	202	1299293	48.202	ng	99
77) Benzidine	19.67	184	103989	6.937	ng	96
78) Pyrene	19.85	202	1298831	47.576	ng	99
80) Butylbenzylphthalate	20.71	149	565975	48.448	ng	98
81) Benzo(a)anthracene	21.69	228	1198303	46.862	ng	97
82) 3,3'-Dichlorobenzidine	21.61	252	105550	10.851	ng	99
83) Chrysene	21.77	228	1192883	48.541	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	788952	47.244	ng	100
85) Di-n-octyl phthalate	22.81	149	1360797	47.828	ng	99
86) Indeno(1,2,3-cd)pyrene	28.93	276	1515986m	50.437	ng	
88) Benzo(b)fluoranthene	23.97	252	1309715	50.811	ng	98
89) Benzo(k)fluoranthene	24.06	252	1270489	53.598	ng	98
90) Benzo(a)pyrene	24.91	252	1270191	52.520	ng	99
91) Dibenzo(a,h)anthracene	29.01	278	1245744m	55.460	ng	
92) Benzo(g,h,i)perylene	30.28	276	1257675m	54.482	ng	

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

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