Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044512.D
Acq On : 20 Feb 2020 7:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/20/2020 3:11:49 PM

Quant Time: Feb 20 08:40:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	68802	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	281913	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	194150	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	431024	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	408242	20.00	ng	-0.01
87) Perylene-d12	24.60	264	449140	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	333796	85.62	ng	-0.01
7) Phenol-d6	7.06	99	449781	85.92	ng	-0.01
23) Nitrobenzene-d5	9.04	82	403660	80.84	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	202705	88.94	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	946796	81.66	ng	-0.01
79) Terphenyl-d14	19.89	244	1501168	75.63	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	69781	39.839	ng	98
3) Pyridine	3.74	79	204653	43.855	ng	97
4) n-Nitrosodimethylamine	3.66	42	78016	40.008	ng	100
6) Aniline	7.21	93	268993	41.396	ng	99
8) 2-Chlorophenol	7.46	128	180760	42.189	ng	99
9) Benzaldehyde	7.02	77	117778	39.502	ng	97
10) Phenol	7.09	94	222796	43.003	ng	98
11) bis(2-Chloroethyl)ether	7.31	93	172669	38.983	ng	98
12) 1,3-Dichlorobenzene	7.78	146	215977	42.219	ng	98
13) 1,4-Dichlorobenzene	7.92	146	216249	42.681	ng	100
14) 1,2-Dichlorobenzene	8.25	146	203411	42.475	ng	99
15) Benzyl Alcohol	8.13	79	154409	41.661	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.42	45	240012	40.035	ng	99
17) 2-Methylphenol	8.34	107	154354	41.757	ng	99
18) Hexachloroethane	8.97	117	80224	42.195	ng	99
19) n-Nitroso-di-n-propylamine	8.70	70	134267	38.484	ng	98
20) 3+4-Methylphenols	8.67	107	213179	41.846	ng	99
22) Acetophenone	8.71	105	270961	39.510	ng	100
24) Nitrobenzene	9.09	77	197206	40.453	ng	98
25) Isophorone	9.61	82	362046	38.900	ng	100
26) 2-Nitrophenol	9.80	139	110601	43.724	ng	99
27) 2,4-Dimethylphenol	9.87	122	147437	41.291	ng	99
28) bis(2-Chloroethoxy)methane	10.10	93	238965	38.488	ng	99
29) 2,4-Dichlorophenol	10.34	162	188371	43.629	ng	99
30) 1,2,4-Trichlorobenzene	10.55	180	210676	42.555	ng	97
31) Naphthalene	10.74	128	576042	42.116	ng	99
32) Benzoic acid	10.01	122	25525m	21.819	ng	
33) 4-Chloroaniline	10.85	127	260167	41.823	ng	99
34) Hexachlorobutadiene	11.04	225	125925	41.337	ng	98
35) Caprolactam	11.62	113	74526	47.121	ng	99
36) 4-Chloro-3-methylphenol	11.99	107	202019	44.628	ng	99
37) 2-Methylnaphthalene	12.35	142	433107	42.649	ng	99
38) 1-Methylnaphthalene	12.57	142	410297	42.854	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	238191	41.013	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	45281	16.249 ng	96
43) 2,4,6-Trichlorophenol	12.96	196	161876	43.122 ng	97
44) 2,4,5-Trichlorophenol	13.05	196	169579	44.227 ng	98
46) 1,1'-Biphenyl	13.36	154	567817	40.546 ng	99
47) 2-Chloronaphthalene	13.40	162	461502	41.413 ng	99
48) 2-Nitroaniline	13.60	65	137721	41.876 ng	99
49) Acenaphthylene	14.25	152	693910	42.454 ng	99
50) Dimethylphthalate	13.99	163	557082	39.917 ng	99
51) 2,6-Dinitrotoluene	14.10	165	129043	41.470 ng	97
52) Acenaphthene	14.60	154	441356	41.659 ng	100
53) 3-Nitroaniline	14.43	138	147691	42.900 ng	98
54) 2,4-Dinitrophenol	14.65	184	24541	19.666 ng	96
55) Dibenzofuran	14.93	168	684309	42.662 ng	97
56) 4-Nitrophenol	14.76	139	103800	41.162 ng	95
57) 2,4-Dinitrotoluene	14.90	165	186457	42.752 ng	96
58) Fluorene	15.58	166	546905	43.289 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	149060	43.039 ng	98
60) Diethylphthalate	15.35	149	570773	41.045 ng	100
61) 4-Chlorophenyl-phenylether	15.57	204	288787	42.157 ng	98
62) 4-Nitroaniline	15.60	138	150509	43.752 ng	98
63) Azobenzene	15.87	77	513800	42.157 ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	60272	25.332 ng	99
66) n-Nitrosodiphenylamine	15.79	169	500837	41.463 ng	98
67) 4-Bromophenyl-phenylether	16.47	248	194230	41.361 ng	98
68) Hexachlorobenzene	16.59	284	220397	41.892 ng	98
69) Atrazine	16.74	200	158280	38.230 ng	99
70) Pentachlorophenol	16.94	266	86531	34.390 ng	99
71) Phenanthrene	17.32	178	894259	42.846 ng	99
72) Anthracene	17.41	178	880371	42.664 ng	98
73) Carbazole	17.68	167	818111	43.006 ng	99
74) Di-n-butylphthalate	18.24	149	1014268	43.146 ng	99
75) Fluoranthene	19.33	202	1041579	43.139 ng	100
77) Benzidine	19.51	184	543305	47.980 ng	98
78) Pyrene	19.69	202	1052404	40.141 ng	98
80) Butylbenzylphthalate	20.58	149	481451	40.297 ng	98
81) Benzo(a)anthracene	21.50	228	1017000	40.421 ng	98
82) 3,3'-Dichlorobenzidine	21.42	252	383746	39.298 ng	99
83) Chrysene	21.57	228	979522	40.277 ng	99
84) Bis(2-ethylhexyl)phthalate	21.42	149	652559	39.682 ng	99
85) Di-n-octyl phthalate	22.58	149	1152568	40.507 ng	100
86) Indeno(1,2,3-cd)pyrene	28.10	276	1270035	40.028 ng	99
88) Benzo(b)fluoranthene	23.63	252	1075627	41.560 ng	99
89) Benzo(k)fluoranthene	23.70	252	1039490	41.209 ng	99
90) Benzo(a)pyrene	24.46	252	1026361	41.943 ng	99
91) Dibenzo(a,h)anthracene	28.15	278	1050675	43.385 ng	100
92) Benzo(g,h,i)perylene	29.19	276	987262	40.723 ng	100

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

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