Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052920\
Data File : BG045541.D
Acq On : 30 May 2020 5:22
Operator : CG/JU
Sample : L2505-10MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-01-052720MS

Manual Integrations APPROVED
mohammad
6/1/2020 12:22:53 PM

Quant Time: May 30 06:52:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 11:17:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	66486	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	278331	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	200045	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	469639	20.00	ng		0.00
76) Chrysene-d12	21.61	240	424917	20.00	ng		0.00
87) Perylene-d12	24.75	264	480452	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	499110	146.71	ng		0.00
7) Phenol-d6	7.16	99	633958	130.93	ng		0.00
23) Nitrobenzene-d5	9.12	82	520327	101.94	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	390028	152.45	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	1171224	99.31	ng		0.00
79) Terphenyl-d14	19.96	244	1928039	105.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	69654	41.29	ng	#	47
3) Pyridine	3.81	79	159150	33.87	ng		97
4) n-Nitrosodimethylamine	3.72	42	77177	50.20	ng		92
6) Aniline	7.28	93	257616	40.76	ng		99
8) 2-Chlorophenol	7.53	128	205345	55.04	ng		98
9) Benzaldehyde	7.08	77	105244	33.36	ng		96
10) Phenol	7.18	94	229570	46.00	ng		97
11) bis(2-Chloroethyl)ether	7.37	93	195552	50.24	ng		98
12) 1,3-Dichlorobenzene	7.84	146	207957	46.38	ng		99
13) 1,4-Dichlorobenzene	7.99	146	214296	48.43	ng		98
14) 1,2-Dichlorobenzene	8.31	146	203369	47.79	ng		100
15) Benzyl Alcohol	8.20	79	213574	53.39	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.48	45	182184	49.31	ng		97
17) 2-Methylphenol	8.43	107	180370	48.29	ng		97
18) Hexachloroethane	9.04	117	82141	48.47	ng		100
19) n-Nitroso-di-n-propylamine	8.76	70	177682	53.06	ng		96
20) 3+4-Methylphenols	8.76	107	244445	48.06	ng	#	84
22) Acetophenone	8.78	105	323436	49.03	ng		96
24) Nitrobenzene	9.16	77	269913	49.36	ng		96
25) Isophorone	9.69	82	496782	49.42	ng		99
26) 2-Nitrophenol	9.87	139	122359	52.31	ng		93
27) 2,4-Dimethylphenol	9.96	122	201170	57.98	ng		95
28) bis(2-Chloroethoxy)methane	10.17	93	272077	51.61	ng		99
29) 2,4-Dichlorophenol	10.43	162	220123	53.73	ng		97
30) 1,2,4-Trichlorobenzene	10.63	180	235098	48.56	ng		94
31) Naphthalene	10.81	128	651001	50.19	ng		99
32) Benzoic acid	10.14	122	101440	44.03	ng		90
33) 4-Chloroaniline	10.93	127	83957	15.49	ng		97
34) Hexachlorobutadiene	11.10	225	165504	48.36	ng		95
35) Caprolactam	11.70	113	61710m	41.03	ng		
36) 4-Chloro-3-methylphenol	12.08	107	248844	53.90	ng		97
37) 2-Methylnaphthalene	12.42	142	499759	51.70	ng		98
38) 1-Methylnaphthalene	12.64	142	473041m	51.80	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	287691	51.49	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 11:17:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	289988	89.92 ng	99
43) 2,4,6-Trichlorophenol	13.04	196	201006	51.79 ng	98
44) 2,4,5-Trichlorophenol	13.13	196	211560	47.70 ng	97
46) 1,1'-Biphenyl	13.43	154	652477	53.08 ng	98
47) 2-Chloronaphthalene	13.47	162	495223	49.61 ng	99
48) 2-Nitroaniline	13.68	65	163284	49.73 ng	94
49) Acenaphthylene	14.32	152	836612	52.18 ng	99
50) Dimethylphthalate	14.06	163	847037	61.72 ng	97
51) 2,6-Dinitrotoluene	14.17	165	156241	50.46 ng	96
52) Acenaphthene	14.66	154	616953m	57.49 ng	
53) 3-Nitroaniline	14.51	138	96088	30.53 ng	91
54) 2,4-Dinitrophenol	14.71	184	178038	87.24 ng	95
55) Dibenzofuran	15.00	168	807874	50.69 ng	97
56) 4-Nitrophenol	14.86	139	194271	81.52 ng	92
57) 2,4-Dinitrotoluene	14.97	165	223031	49.73 ng	97
58) Fluorene	15.65	166	673468	51.44 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	199545	51.14 ng	99
60) Diethylphthalate	15.42	149	708020	49.57 ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	368940	49.24 ng	100
62) 4-Nitroaniline	15.68	138	155598	47.35 ng	100
63) Azobenzene	15.94	77	676710	50.81 ng	99
65) 4,6-Dinitro-2-methylphenol	15.74	198	140123	51.23 ng	95
66) n-Nitrosodiphenylamine	15.86	169	598456	53.07 ng	97
67) 4-Bromophenyl-phenylether	16.54	248	261746	51.47 ng	97
68) Hexachlorobenzene	16.66	284	282030	53.02 ng	99
69) Atrazine	16.81	200	223739	48.17 ng	98
70) Pentachlorophenol	17.01	266	305775	110.72 ng	98
71) Phenanthrene	17.39	178	1075839	52.47 ng	100
72) Anthracene	17.48	178	1099537	53.40 ng	98
73) Carbazole	17.76	167	1009051	50.28 ng	99
74) Di-n-butylphthalate	18.32	149	1204145	49.99 ng	98
75) Fluoranthene	19.40	202	1309864	50.23 ng	100
77) Benzidine	19.58	184	618886	51.86 ng	99
78) Pyrene	19.76	202	1296960	53.54 ng	99
80) Butylbenzylphthalate	20.65	149	528668	50.57 ng	98
81) Benzo(a)anthracene	21.59	228	1246054	52.64 ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	279097	30.06 ng	98
83) Chrysene	21.66	228	1186697	52.14 ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	737069	51.29 ng	99
85) Di-n-octyl phthalate	22.69	149	1275363	51.67 ng	100
86) Indeno(1,2,3-cd)pyrene	28.34	276	1613784	54.22 ng	99
88) Benzo(b)fluoranthene	23.77	252	1363504	52.92 ng	99
89) Benzo(k)fluoranthene	23.83	252	1293603	53.44 ng	99
90) Benzo(a)pyrene	24.61	252	1247628	51.99 ng	98
91) Dibenzo(a,h)anthracene	28.40	278	1314221	54.50 ng	99
92) Benzo(g,h,i)perylene	29.45	276	1355963	56.22 ng	99

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

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