Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045184.D
Acq On : 28 Apr 2020 13:56
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 28 14:37:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 14:34:23 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/30/2020 12:04:32 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	62039	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	236472	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	171323	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	428042	20.00	ng		0.00
76) Chrysene-d12	21.65	240	451337	20.00	ng		0.00
87) Perylene-d12	24.82	264	511356	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	309078	82.25	ng		0.00
7) Phenol-d6	7.15	99	436159	78.12	ng		0.00
23) Nitrobenzene-d5	9.15	82	421816	81.39	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	215746	81.51	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	982748	84.11	ng		0.00
79) Terphenyl-d14	20.00	244	1790541	86.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	69491	41.611	ng		98
3) Pyridine	3.85	79	199472	38.793	ng		95
4) n-Nitrosodimethylamine	3.76	42	61111	38.796	ng		99
6) Aniline	7.31	93	267765	36.887	ng		99
8) 2-Chlorophenol	7.55	128	158650	39.283	ng		96
9) Benzaldehyde	7.12	77	122323	38.429	ng		97
10) Phenol	7.18	94	213078	38.139	ng		97
11) bis(2-Chloroethyl)ether	7.41	93	166297	37.385	ng		94
12) 1,3-Dichlorobenzene	7.88	146	189181	39.753	ng		97
13) 1,4-Dichlorobenzene	8.02	146	190080	40.084	ng		99
14) 1,2-Dichlorobenzene	8.35	146	177781	39.188	ng		96
15) Benzyl Alcohol	8.23	79	167322	35.745	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.52	45	155753	35.670	ng		97
17) 2-Methylphenol	8.43	107	160356	37.201	ng		96
18) Hexachloroethane	9.08	117	72167	40.483	ng		96
19) n-Nitroso-di-n-propylamine	8.79	70	139023	35.210	ng		97
20) 3+4-Methylphenols	8.76	107	216663	35.910	ng		98
22) Acetophenone	8.81	105	247850	38.758	ng		96
24) Nitrobenzene	9.19	77	215867	40.635	ng	#	94
25) Isophorone	9.71	82	410878	38.714	ng		99
26) 2-Nitrophenol	9.91	139	93772	40.980	ng		100
27) 2,4-Dimethylphenol	9.97	122	141017	38.839	ng		98
28) bis(2-Chloroethoxy)methane	10.20	93	214102	38.395	ng		98
29) 2,4-Dichlorophenol	10.45	162	164487	39.234	ng		99
30) 1,2,4-Trichlorobenzene	10.66	180	197059	41.515	ng		98
31) Naphthalene	10.85	128	527980	40.814	ng		98
32) Benzoic acid	10.11	122	83053	30.930	ng		97
33) 4-Chloroaniline	10.95	127	223511	37.048	ng		98
34) Hexachlorobutadiene	11.14	225	145087	44.581	ng		92
35) Caprolactam	11.71	113	58458	35.035	ng		93
36) 4-Chloro-3-methylphenol	12.08	107	194147	39.421	ng		100
37) 2-Methylnaphthalene	12.46	142	401133	39.950	ng		99
38) 1-Methylnaphthalene	12.68	142	375824	39.648	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	225911	40.954	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	191907	55.663 ng		94
43) 2,4,6-Trichlorophenol	13.06	196	158348	40.674 ng		93
44) 2,4,5-Trichlorophenol	13.14	196	176031	39.724 ng		99
46) 1,1'-Biphenyl	13.47	154	519510	39.896 ng		99
47) 2-Chloronaphthalene	13.51	162	399902	40.191 ng		99
48) 2-Nitroaniline	13.70	65	128076	39.123 ng		92
49) Acenaphthylene	14.36	152	645232	39.812 ng		97
50) Dimethylphthalate	14.09	163	554104	39.721 ng		99
51) 2,6-Dinitrotoluene	14.20	165	127217	40.772 ng		98
52) Acenaphthene	14.70	154	450138m	41.050 ng		
53) 3-Nitroaniline	14.53	138	129739	37.912 ng		91
54) 2,4-Dinitrophenol	14.74	184	94112	50.724 ng		95
55) Dibenzofuran	15.03	168	644538	40.316 ng		99
56) 4-Nitrophenol	14.85	139	106600	40.175 ng		96
57) 2,4-Dinitrotoluene	14.99	165	185093	40.592 ng		97
58) Fluorene	15.68	166	535794	41.030 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	159524	40.458 ng		99
60) Diethylphthalate	15.45	149	577119	39.680 ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	308889	41.096 ng		97
62) 4-Nitroaniline	15.70	138	133834	37.706 ng		99
63) Azobenzene	15.97	77	535254	39.917 ng		98
65) 4,6-Dinitro-2-methylphenol	15.75	198	115931	41.205 ng		96
66) n-Nitrosodiphenylamine	15.89	169	470943	38.293 ng		99
67) 4-Bromophenyl-phenylether	16.57	248	214606	38.863 ng		97
68) Hexachlorobenzene	16.69	284	226061	39.472 ng		98
69) Atrazine	16.83	200	178522	39.180 ng		96
70) Pentachlorophenol	17.03	266	162725	46.316 ng		98
71) Phenanthrene	17.42	178	890927	40.504 ng		100
72) Anthracene	17.52	178	904961	41.015 ng		97
73) Carbazole	17.78	167	901803	40.275 ng		98
74) Di-n-butylphthalate	18.34	149	1103010	45.294 ng		100
75) Fluoranthene	19.43	202	1199553	46.620 ng		98
77) Benzidine	19.61	184	576894	43.998 ng		98
78) Pyrene	19.80	202	1215567	39.066 ng		99
80) Butylbenzylphthalate	20.68	149	530873	41.160 ng		99
81) Benzo(a)anthracene	21.63	228	1183208	40.447 ng		99
82) 3,3'-Dichlorobenzidine	21.54	252	490693	42.144 ng		97
83) Chrysene	21.69	228	1154129	41.062 ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	726431	40.952 ng		99
85) Di-n-octyl phthalate	22.74	149	1262672	41.163 ng		100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1516717	40.644 ng	#	95
88) Benzo(b)fluoranthene	23.82	252	1296361	40.472 ng		98
89) Benzo(k)fluoranthene	23.89	252	1234382	40.523 ng		99
90) Benzo(a)pyrene	24.68	252	1224885	40.502 ng		98
91) Dibenzo(a,h)anthracene	28.50	278	1235903	40.557 ng		98
92) Benzo(g,h,i)perylene	29.55	276	1213384	39.716 ng		99

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

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