Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
Data File : BG046030.D
Acq On : 14 Jul 2020 13:00
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
7/15/2020 11:01:24 AM

Quant Time: Jul 14 14:33:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:58:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	120805	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	489676	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	301985	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	662286	20.00	ng		0.00
76) Chrysene-d12	21.63	240	601997	20.00	ng		0.00
86) Perylene-d12	24.78	264	620775	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	584239	78.43	ng		0.00
7) Phenol-d6	7.17	99	871560	81.26	ng		0.00
23) Nitrobenzene-d5	9.16	82	788125	92.64	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	240996	85.99	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	1473791	76.12	ng		0.00
79) Terphenyl-d14	19.98	244	2105445	77.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	138133	40.192	ng		98
3) Pyridine	3.90	79	424894	40.886	ng		97
4) n-Nitrosodimethylamine	3.81	42	150889	42.939	ng	#	98
6) Aniline	7.33	93	545121	39.732	ng		99
8) 2-Chlorophenol	7.57	128	318671	39.739	ng		95
9) Benzaldehyde	7.13	77	250630	36.884	ng		98
10) Phenol	7.19	94	432402	40.192	ng		98
11) bis(2-Chloroethyl)ether	7.42	93	355322	39.940	ng		99
12) 1,3-Dichlorobenzene	7.89	146	358063	38.738	ng		99
13) 1,4-Dichlorobenzene	8.04	146	355853	39.136	ng		98
14) 1,2-Dichlorobenzene	8.36	146	341755	39.052	ng		99
15) Benzyl Alcohol	8.24	79	331615	39.434	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	476741	41.072	ng		99
17) 2-Methylphenol	8.44	107	318990	39.515	ng		99
18) Hexachloroethane	9.09	117	135959	38.861	ng		95
19) n-Nitroso-di-n-propylamine	8.81	70	306659	40.701	ng		96
20) 3+4-Methylphenols	8.77	107	438680	39.872	ng		99
22) Acetophenone	8.82	105	502487	38.412	ng	#	98
24) Nitrobenzene	9.20	77	426422	45.412	ng		99
25) Isophorone	9.73	82	818088	39.390	ng		98
26) 2-Nitrophenol	9.91	139	156457	51.119	ng		96
27) 2,4-Dimethylphenol	9.97	122	280236	37.908	ng		97
28) bis(2-Chloroethoxy)methane	10.21	93	452857	38.830	ng		97
29) 2,4-Dichlorophenol	10.45	162	292895	38.273	ng		99
30) 1,2,4-Trichlorobenzene	10.67	180	321095	37.868	ng		100
31) Naphthalene	10.85	128	1013133	38.595	ng		100
32) Benzoic acid	10.11	122	187224	42.354	ng		96
33) 4-Chloroaniline	10.95	127	441889	37.670	ng		99
34) Hexachlorobutadiene	11.15	225	182925	36.948	ng		99
35) Caprolactam	11.72	113	121414	41.787	ng		94
36) 4-Chloro-3-methylphenol	12.08	107	340610	39.078	ng		97
37) 2-Methylnaphthalene	12.46	142	731578	39.205	ng		100
38) 1-Methylnaphthalene	12.67	142	688002	39.067	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	319159	37.492	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	179903	35.616	ng		97
43) 2,4,6-Trichlorophenol	13.06	196	226755	39.387	ng		99
44) 2,4,5-Trichlorophenol	13.13	196	256810	39.452	ng		99
46) 1,1'-Biphenyl	13.46	154	870664	38.326	ng		98
47) 2-Chloronaphthalene	13.50	162	675222	37.671	ng		99
48) 2-Nitroaniline	13.70	65	252611	50.113	ng		97
49) Acenaphthylene	14.35	152	1122898	38.829	ng		100
50) Dimethylphthalate	14.08	163	887216	39.148	ng		99
51) 2,6-Dinitrotoluene	14.19	165	194682	48.026	ng		94
52) Acenaphthene	14.69	154	716818	39.297	ng		98
53) 3-Nitroaniline	14.52	138	232888	46.896	ng	#	93
54) 2,4-Dinitrophenol	14.72	184	67278	47.089	ng	#	91
55) Dibenzofuran	15.02	168	1042437	38.986	ng		98
56) 4-Nitrophenol	14.83	139	181756	49.226	ng		99
57) 2,4-Dinitrotoluene	14.98	165	269488	51.491	ng		94
58) Fluorene	15.67	166	858135	39.122	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	208105m	41.407	ng		
60) Diethylphthalate	15.45	149	943791	39.709	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	423423	38.801	ng		100
62) 4-Nitroaniline	15.68	138	239960	51.229	ng		93
63) Azobenzene	15.96	77	1027903	40.295	ng		99
65) 4,6-Dinitro-2-methylphenol	15.74	198	110853	48.525	ng		95
66) n-Nitrosodiphenylamine	15.88	169	769371	37.488	ng		99
67) 4-Bromophenyl-phenylether	16.56	248	275939	37.305	ng		99
68) Hexachlorobenzene	16.68	284	279327	37.632	ng		97
69) Atrazine	16.83	200	221588	36.518	ng		96
70) Pentachlorophenol	17.02	266	157775	38.232	ng		98
71) Phenanthrene	17.41	178	1360675	38.862	ng		100
72) Anthracene	17.50	178	1357677	38.209	ng		100
73) Carbazole	17.77	167	1383605	38.848	ng		99
74) Di-n-butylphthalate	18.34	149	1666182	38.713	ng		99
75) Fluoranthene	19.42	202	1611707	39.819	ng		99
77) Benzidine	19.59	184	703043	40.845	ng		98
78) Pyrene	19.78	202	1618520	39.387	ng		99
80) Butylbenzylphthalate	20.68	149	797567	41.072	ng		97
81) Benzo(a)anthracene	21.61	228	1508304	38.105	ng		100
82) 3,3'-Dichlorobenzidine	21.52	252	544108	37.199	ng		100
83) Chrysene	21.67	228	1459716	38.709	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	1091943	38.738	ng		98
85) Di-n-octyl phthalate	22.74	149	1873215	38.294	ng		100
87) Indeno(1,2,3-cd)pyrene	28.36	276	1799616	39.627	ng	#	92
88) Benzo(b)fluoranthene	23.78	252	1581466	40.131	ng		98
89) Benzo(k)fluoranthene	23.85	252	1487503	39.920	ng		99
90) Benzo(a)pyrene	24.63	252	1481342	39.976	ng		99
91) Dibenzo(a,h)anthracene	28.42	278	1434133	39.153	ng		99
92) Benzo(g,h,i)perylene	29.48	276	1432155	38.852	ng		99

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

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