Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
Data File : BG045998.D
Acq On : 10 Jul 2020 8:59
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/13/2020 1:03:24 PM

Quant Time: Jul 10 11:32:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 09:58:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	154269	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	602569	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	352233	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	718152	20.00	ng		0.00
76) Chrysene-d12	21.63	240	599383	20.00	ng		0.00
86) Perylene-d12	24.78	264	621871	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	727253	76.45	ng		0.00
7) Phenol-d6	7.16	99	1061577	77.51	ng		0.00
23) Nitrobenzene-d5	9.16	82	927954	88.64	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	255143	78.05	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1765727	78.19	ng		0.00
79) Terphenyl-d14	19.98	244	2102784	78.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	176765	40.275	ng		99
3) Pyridine	3.90	79	537838	40.528	ng		99
4) n-Nitrosodimethylamine	3.81	42	190975	42.558	ng	#	96
6) Aniline	7.33	93	677699	38.680	ng		99
8) 2-Chlorophenol	7.57	128	386476	37.740	ng		99
9) Benzaldehyde	7.14	77	321067	37.000	ng		99
10) Phenol	7.19	94	533477	38.830	ng		100
11) bis(2-Chloroethyl)ether	7.43	93	448577	39.485	ng		99
12) 1,3-Dichlorobenzene	7.90	146	455934	38.627	ng		100
13) 1,4-Dichlorobenzene	8.04	146	448795	38.651	ng		98
14) 1,2-Dichlorobenzene	8.36	146	429427	38.426	ng		98
15) Benzyl Alcohol	8.24	79	408997	38.086	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	588746	39.719	ng		99
17) 2-Methylphenol	8.44	107	398842	38.689	ng		98
18) Hexachloroethane	9.09	117	172194	38.541	ng		97
19) n-Nitroso-di-n-propylamine	8.81	70	369350	38.388	ng		99
20) 3+4-Methylphenols	8.77	107	541328	38.529	ng		98
22) Acetophenone	8.82	105	614147	38.151	ng	#	98
24) Nitrobenzene	9.20	77	513120	44.407	ng		100
25) Isophorone	9.73	82	993020	38.855	ng		99
26) 2-Nitrophenol	9.91	139	166752	44.275	ng		99
27) 2,4-Dimethylphenol	9.97	122	343560	37.767	ng		98
28) bis(2-Chloroethoxy)methane	10.21	93	564094	39.306	ng		98
29) 2,4-Dichlorophenol	10.44	162	359553	38.181	ng		98
30) 1,2,4-Trichlorobenzene	10.67	180	396602	38.010	ng		99
31) Naphthalene	10.86	128	1238594	38.343	ng		99
32) Benzoic acid	10.10	122	209663	39.129	ng		94
33) 4-Chloroaniline	10.95	127	541278	37.498	ng		98
34) Hexachlorobutadiene	11.16	225	231950	38.072	ng		99
35) Caprolactam	11.71	113	130777	36.577	ng		94
36) 4-Chloro-3-methylphenol	12.07	107	409212	38.153	ng		97
37) 2-Methylnaphthalene	12.46	142	886793	38.619	ng		100
38) 1-Methylnaphthalene	12.68	142	838743	38.704	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	394685	39.750	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	220734	37.466	ng		96
43) 2,4,6-Trichlorophenol	13.06	196	260593	38.807	ng		98
44) 2,4,5-Trichlorophenol	13.13	196	302541	39.847	ng		98
46) 1,1'-Biphenyl	13.46	154	1040204	39.257	ng		99
47) 2-Chloronaphthalene	13.51	162	801327	38.329	ng		97
48) 2-Nitroaniline	13.69	65	273597	46.774	ng		96
49) Acenaphthylene	14.35	152	1297671	38.471	ng		100
50) Dimethylphthalate	14.09	163	1003805	37.974	ng		99
51) 2,6-Dinitrotoluene	14.19	165	211798	45.017	ng		98
52) Acenaphthene	14.69	154	827359	38.887	ng		99
53) 3-Nitroaniline	14.52	138	259411	44.919	ng	#	93
54) 2,4-Dinitrophenol	14.72	184	65810	40.476	ng		90
55) Dibenzofuran	15.03	168	1201250	38.517	ng		98
56) 4-Nitrophenol	14.82	139	190948	44.338	ng		98
57) 2,4-Dinitrotoluene	14.98	165	281377	46.508	ng		96
58) Fluorene	15.67	166	967743	37.825	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	234558m	40.013	ng		
60) Diethylphthalate	15.45	149	1030674	37.178	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	483079	37.953	ng		99
62) 4-Nitroaniline	15.68	138	257134	47.064	ng		91
63) Azobenzene	15.96	77	1150266	38.659	ng		99
65) 4,6-Dinitro-2-methylphenol	15.74	198	98877	41.121	ng		91
66) n-Nitrosodiphenylamine	15.88	169	856117	38.470	ng		100
67) 4-Bromophenyl-phenylether	16.57	248	308082	38.411	ng		98
68) Hexachlorobenzene	16.68	284	301736	37.489	ng		96
69) Atrazine	16.83	200	241195	36.657	ng		98
70) Pentachlorophenol	17.02	266	176439	39.428	ng		95
71) Phenanthrene	17.41	178	1454251	38.303	ng		99
72) Anthracene	17.51	178	1453028	37.712	ng		99
73) Carbazole	17.76	167	1457332	37.735	ng		100
74) Di-n-butylphthalate	18.35	149	1708936	36.618	ng		99
75) Fluoranthene	19.42	202	1633422	37.216	ng		100
77) Benzidine	19.59	184	720245	42.026	ng		99
78) Pyrene	19.78	202	1657793	40.519	ng		100
80) Butylbenzylphthalate	20.68	149	773384	40.001	ng		98
81) Benzo(a)anthracene	21.61	228	1517221	38.497	ng		100
82) 3,3'-Dichlorobenzidine	21.52	252	555881	38.170	ng		99
83) Chrysene	21.68	228	1446397	38.523	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	1080564	38.502	ng		97
85) Di-n-octyl phthalate	22.75	149	1844047	37.863	ng		100
87) Indeno(1,2,3-cd)pyrene	28.36	276	1849133	40.645	ng		99
88) Benzo(b)fluoranthene	23.79	252	1595836	40.425	ng		99
89) Benzo(k)fluoranthene	23.86	252	1507275	40.379	ng		99
90) Benzo(a)pyrene	24.64	252	1495347	40.283	ng		100
91) Dibenzo(a,h)anthracene	28.43	278	1453065	39.600	ng		99
92) Benzo(g,h,i)perylene	29.48	276	1470709	39.828	ng		98

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

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