Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
Data File : BG045972.D
Acq On : 7 Jul 2020 23:23
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
7/9/2020 10:55:52 AM

Quant Time: Jul 08 00:01:49 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	149723	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	583275	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	346409	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	703367	20.00	ng		0.00
76) Chrysene-d12	21.63	240	606588	20.00	ng		0.00
86) Perylene-d12	24.79	264	630256	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	735539	79.67	ng		0.00
7) Phenol-d6	7.17	99	1081901	81.39	ng		0.00
23) Nitrobenzene-d5	9.16	82	930851	91.86	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	271882	84.57	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1772219	79.80	ng		0.00
79) Terphenyl-d14	19.99	244	2192034	80.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	175353	41.167	ng		96
3) Pyridine	3.90	79	540316	41.951	ng		99
4) n-Nitrosodimethylamine	3.82	42	190627	43.770	ng	#	93
6) Aniline	7.33	93	682137	40.115	ng		99
8) 2-Chlorophenol	7.58	128	397445	39.989	ng		98
9) Benzaldehyde	7.14	77	332577	39.490	ng		99
10) Phenol	7.19	94	536296	40.221	ng		98
11) bis(2-Chloroethyl)ether	7.43	93	445816	40.433	ng		98
12) 1,3-Dichlorobenzene	7.90	146	455064	39.723	ng		99
13) 1,4-Dichlorobenzene	8.05	146	451184	40.036	ng		98
14) 1,2-Dichlorobenzene	8.36	146	426444	39.318	ng		97
15) Benzyl Alcohol	8.24	79	425258	40.802	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.54	45	590795	41.068	ng		97
17) 2-Methylphenol	8.44	107	401032	40.083	ng		97
18) Hexachloroethane	9.10	117	172326	39.742	ng		98
19) n-Nitroso-di-n-propylamine	8.81	70	379409	40.631	ng		98
20) 3+4-Methylphenols	8.77	107	553416	40.586	ng		98
22) Acetophenone	8.83	105	626437	40.202	ng	#	97
24) Nitrobenzene	9.20	77	513263	45.889	ng		100
25) Isophorone	9.73	82	1008215	40.755	ng		99
26) 2-Nitrophenol	9.91	139	184297	50.552	ng		96
27) 2,4-Dimethylphenol	9.98	122	351244	39.889	ng		100
28) bis(2-Chloroethoxy)methane	10.21	93	568462	40.921	ng		99
29) 2,4-Dichlorophenol	10.45	162	368072	40.379	ng		98
30) 1,2,4-Trichlorobenzene	10.67	180	401069	39.710	ng		100
31) Naphthalene	10.86	128	1240168	39.662	ng		99
32) Benzoic acid	10.11	122	243341	45.622	ng		95
33) 4-Chloroaniline	10.95	127	550123	39.371	ng		99
34) Hexachlorobutadiene	11.16	225	231107	39.189	ng		97
35) Caprolactam	11.72	113	140755	40.670	ng		93
36) 4-Chloro-3-methylphenol	12.07	107	420418	40.494	ng		98
37) 2-Methylnaphthalene	12.46	142	887998	39.951	ng		98
38) 1-Methylnaphthalene	12.68	142	840438	40.065	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	393478	40.295	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	229930	39.683	ng		97
43) 2,4,6-Trichlorophenol	13.06	196	278426	42.160	ng		98
44) 2,4,5-Trichlorophenol	13.13	196	312323	41.827	ng		98
46) 1,1'-Biphenyl	13.47	154	1056906	40.558	ng		100
47) 2-Chloronaphthalene	13.51	162	821235	39.942	ng		98
48) 2-Nitroaniline	13.70	65	277530	48.138	ng		96
49) Acenaphthylene	14.35	152	1321777	39.845	ng		100
50) Dimethylphthalate	14.09	163	1029004	39.581	ng		99
51) 2,6-Dinitrotoluene	14.20	165	215959	46.552	ng		97
52) Acenaphthene	14.69	154	851288	40.684	ng		98
53) 3-Nitroaniline	14.52	138	259475	45.635	ng	#	89
54) 2,4-Dinitrophenol	14.72	184	78511	47.798	ng		93
55) Dibenzofuran	15.03	168	1215731	39.636	ng		100
56) 4-Nitrophenol	14.82	139	204446	48.270	ng		98
57) 2,4-Dinitrotoluene	14.98	165	284066	47.637	ng		97
58) Fluorene	15.68	166	989787	39.337	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	244786m	42.460	ng		
60) Diethylphthalate	15.46	149	1066521	39.118	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	488961	39.061	ng		97
62) 4-Nitroaniline	15.69	138	259707	48.335	ng		94
63) Azobenzene	15.96	77	1189980	40.666	ng		99
65) 4,6-Dinitro-2-methylphenol	15.75	198	115771	47.831	ng		96
66) n-Nitrosodiphenylamine	15.88	169	874523	40.123	ng		100
67) 4-Bromophenyl-phenylether	16.57	248	321331	40.905	ng		98
68) Hexachlorobenzene	16.69	284	319105	40.480	ng		98
69) Atrazine	16.83	200	251814	39.076	ng		98
70) Pentachlorophenol	17.02	266	192430	43.906	ng		96
71) Phenanthrene	17.41	178	1494385	40.188	ng		99
72) Anthracene	17.51	178	1501157	39.780	ng		99
73) Carbazole	17.77	167	1490152	39.396	ng		99
74) Di-n-butylphthalate	18.35	149	1759520	38.494	ng		99
75) Fluoranthene	19.42	202	1707481	39.721	ng		99
77) Benzidine	19.59	184	754164	43.483	ng		98
78) Pyrene	19.78	202	1709710	41.292	ng		99
80) Butylbenzylphthalate	20.68	149	830852	42.462	ng		97
81) Benzo(a)anthracene	21.61	228	1582748	39.683	ng		99
82) 3,3'-Dichlorobenzidine	21.53	252	593355	40.259	ng		99
83) Chrysene	21.68	228	1512600	39.808	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	1147308	40.394	ng		99
85) Di-n-octyl phthalate	22.75	149	1982674	40.225	ng		99
87) Indeno(1,2,3-cd)pyrene	28.37	276	1932264	41.908	ng		98
88) Benzo(b)fluoranthene	23.79	252	1684140	42.094	ng		99
89) Benzo(k)fluoranthene	23.86	252	1570072	41.502	ng		99
90) Benzo(a)pyrene	24.64	252	1582868	42.073	ng		99
91) Dibenzo(a,h)anthracene	28.45	278	1541266	41.445	ng		99
92) Benzo(g,h,i)perylene	29.49	276	1545863	41.306	ng		99

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

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