Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
Data File : BG045959.D
Acq On : 7 Jul 2020 14:11
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
7/9/2020 10:55:17 AM

Quant Time: Jul 07 15:15:53 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	140066	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	539344	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	322112	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	666833	20.00	ng		0.00
76) Chrysene-d12	21.63	240	571993	20.00	ng		0.00
86) Perylene-d12	24.79	264	599434	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	691159	80.02	ng		0.00
7) Phenol-d6	7.16	99	999720	80.40	ng		0.00
23) Nitrobenzene-d5	9.16	82	826841	88.24	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	251032	83.97	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1662405	80.50	ng		0.00
79) Terphenyl-d14	19.99	244	2103884	81.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	168636	42.320	ng		98
3) Pyridine	3.90	79	502261	41.685	ng		98
4) n-Nitrosodimethylamine	3.82	42	178460	43.802	ng	#	98
6) Aniline	7.33	93	642558	40.393	ng		98
8) 2-Chlorophenol	7.58	128	367226	39.496	ng		98
9) Benzaldehyde	7.14	77	304558	38.657	ng		94
10) Phenol	7.19	94	500914	40.157	ng		97
11) bis(2-Chloroethyl)ether	7.43	93	414563	40.191	ng		97
12) 1,3-Dichlorobenzene	7.90	146	425587	39.712	ng		99
13) 1,4-Dichlorobenzene	8.04	146	426824	40.486	ng		98
14) 1,2-Dichlorobenzene	8.36	146	402449	39.664	ng		98
15) Benzyl Alcohol	8.24	79	383796	39.363	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	541227	40.216	ng		99
17) 2-Methylphenol	8.45	107	372665	39.816	ng		98
18) Hexachloroethane	9.10	117	161825	39.893	ng		96
19) n-Nitroso-di-n-propylamine	8.82	70	352232	40.321	ng		99
20) 3+4-Methylphenols	8.77	107	515863	40.440	ng		99
22) Acetophenone	8.83	105	582984	40.461	ng		98
24) Nitrobenzene	9.20	77	460503	44.525	ng		98
25) Isophorone	9.73	82	937958	41.003	ng		98
26) 2-Nitrophenol	9.91	139	150087	44.522	ng		98
27) 2,4-Dimethylphenol	9.98	122	324683	39.876	ng		99
28) bis(2-Chloroethoxy)methane	10.21	93	525733	40.927	ng		98
29) 2,4-Dichlorophenol	10.45	162	340824	40.435	ng		98
30) 1,2,4-Trichlorobenzene	10.67	180	375384	40.194	ng		100
31) Naphthalene	10.86	128	1159101	40.089	ng		99
32) Benzoic acid	10.10	122	199893	41.255	ng		92
33) 4-Chloroaniline	10.95	127	517377	40.044	ng		97
34) Hexachlorobutadiene	11.16	225	220298	40.399	ng		97
35) Caprolactam	11.72	113	128416	40.127	ng		89
36) 4-Chloro-3-methylphenol	12.08	107	391017	40.730	ng		100
37) 2-Methylnaphthalene	12.46	142	841015	40.919	ng		98
38) 1-Methylnaphthalene	12.68	142	783288	40.382	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	368025	40.531	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	210293	39.031	ng		98
43) 2,4,6-Trichlorophenol	13.06	196	259414	42.244	ng		99
44) 2,4,5-Trichlorophenol	13.13	196	293502	42.272	ng		97
46) 1,1'-Biphenyl	13.47	154	988662	40.801	ng		99
47) 2-Chloronaphthalene	13.51	162	761407	39.825	ng		98
48) 2-Nitroaniline	13.70	65	242058	45.361	ng		98
49) Acenaphthylene	14.36	152	1244679	40.351	ng		99
50) Dimethylphthalate	14.09	163	971858	40.203	ng		99
51) 2,6-Dinitrotoluene	14.20	165	191339	44.512	ng		100
52) Acenaphthene	14.70	154	788048	40.503	ng		97
53) 3-Nitroaniline	14.53	138	234526	44.442	ng	#	97
54) 2,4-Dinitrophenol	14.73	184	62402	41.744	ng		92
55) Dibenzofuran	15.03	168	1141471	40.022	ng		99
56) 4-Nitrophenol	14.83	139	179492	45.575	ng		98
57) 2,4-Dinitrotoluene	14.98	165	249622	45.236	ng		94
58) Fluorene	15.68	166	934608	39.946	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	229052m	42.728	ng		
60) Diethylphthalate	15.46	149	1007061	39.724	ng		98
61) 4-Chlorophenyl-phenylether	15.68	204	465214	39.967	ng		98
62) 4-Nitroaniline	15.69	138	233129	46.661	ng		97
63) Azobenzene	15.96	77	1113027	40.905	ng		99
65) 4,6-Dinitro-2-methylphenol	15.75	198	99185	43.878	ng		98
66) n-Nitrosodiphenylamine	15.88	169	826289	39.987	ng		99
67) 4-Bromophenyl-phenylether	16.57	248	300796	40.388	ng		99
68) Hexachlorobenzene	16.69	284	299002	40.008	ng		98
69) Atrazine	16.83	200	247713	40.545	ng		97
70) Pentachlorophenol	17.02	266	178439	42.944	ng		99
71) Phenanthrene	17.42	178	1403507	39.812	ng		98
72) Anthracene	17.51	178	1421239	39.725	ng		100
73) Carbazole	17.77	167	1416285	39.494	ng		99
74) Di-n-butylphthalate	18.35	149	1684308	38.868	ng		100
75) Fluoranthene	19.42	202	1608344	39.465	ng		100
77) Benzidine	19.60	184	714253	43.673	ng		99
78) Pyrene	19.78	202	1630184	41.752	ng		99
80) Butylbenzylphthalate	20.69	149	777035	42.114	ng		100
81) Benzo(a)anthracene	21.62	228	1499051	39.857	ng		100
82) 3,3'-Dichlorobenzidine	21.53	252	555005	39.935	ng		99
83) Chrysene	21.68	228	1441938	40.243	ng		98
84) Bis(2-ethylhexyl)phthalate	21.56	149	1081570	40.383	ng		100
85) Di-n-octyl phthalate	22.76	149	1874261	40.326	ng		100
87) Indeno(1,2,3-cd)pyrene	28.38	276	1834408	41.831	ng		99
88) Benzo(b)fluoranthene	23.80	252	1578080	41.471	ng		99
89) Benzo(k)fluoranthene	23.87	252	1501565	41.732	ng		99
90) Benzo(a)pyrene	24.65	252	1492388	41.708	ng		99
91) Dibenzo(a,h)anthracene	28.45	278	1462566	41.350	ng		98
92) Benzo(g,h,i)perylene	29.50	276	1462379	41.085	ng		99

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

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