Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071320\
Data File : BG046017.D
Acq On : 13 Jul 2020 9:14
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 13 11:01:19 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	8.01	152	136133	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	544827	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	339466	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	734599	20.00	ng		0.00
76) Chrysene-d12	21.63	240	635577	20.00	ng		0.00
86) Perylene-d12	24.78	264	657052	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	621483	74.03	ng		0.00
7) Phenol-d6	7.17	99	941826	77.93	ng		0.00
23) Nitrobenzene-d5	9.16	82	794345	83.92	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	246201	78.14	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1653787	75.99	ng		0.00
79) Terphenyl-d14	19.98	244	2215151	77.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	153371	39.601	ng		99
3) Pyridine	3.89	79	472539	40.351	ng		99
4) n-Nitrosodimethylamine	3.80	42	163509	41.292	ng	#	93
6) Aniline	7.32	93	607563	39.297	ng		98
8) 2-Chlorophenol	7.57	128	335373	37.113	ng		98
9) Benzaldehyde	7.14	77	276721	36.138	ng		97
10) Phenol	7.19	94	470636	38.820	ng		97
11) bis(2-Chloroethyl)ether	7.42	93	388193	38.722	ng		100
12) 1,3-Dichlorobenzene	7.89	146	400193	38.421	ng		98
13) 1,4-Dichlorobenzene	8.04	146	399738	39.012	ng		98
14) 1,2-Dichlorobenzene	8.36	146	378687	38.400	ng		99
15) Benzyl Alcohol	8.23	79	359944	37.983	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	508677	38.889	ng		99
17) 2-Methylphenol	8.44	107	348181	38.275	ng		97
18) Hexachloroethane	9.09	117	146351	37.121	ng		98
19) n-Nitroso-di-n-propylamine	8.81	70	331925	39.094	ng		99
20) 3+4-Methylphenols	8.77	107	482496	38.917	ng		97
22) Acetophenone	8.82	105	556812	38.256	ng	#	98
24) Nitrobenzene	9.20	77	436267	41.758	ng		98
25) Isophorone	9.73	82	904452	39.140	ng		99
26) 2-Nitrophenol	9.91	139	134342	39.450	ng		97
27) 2,4-Dimethylphenol	9.97	122	308778	37.541	ng		99
28) bis(2-Chloroethoxy)methane	10.21	93	508310	39.173	ng		98
29) 2,4-Dichlorophenol	10.45	162	317580	37.298	ng		99
30) 1,2,4-Trichlorobenzene	10.67	180	361293	38.296	ng		99
31) Naphthalene	10.85	128	1122885	38.445	ng		99
32) Benzoic acid	10.10	122	189414	39.102	ng		94
33) 4-Chloroaniline	10.95	127	498110	38.165	ng		100
34) Hexachlorobutadiene	11.15	225	211228	38.346	ng		98
35) Caprolactam	11.72	113	130524	40.375	ng		96
36) 4-Chloro-3-methylphenol	12.08	107	383144	39.508	ng		99
37) 2-Methylnaphthalene	12.46	142	819342	39.463	ng		100
38) 1-Methylnaphthalene	12.68	142	769338	39.264	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	359652	37.584	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	189190	33.319	ng		100
43) 2,4,6-Trichlorophenol	13.06	196	240471	37.157	ng		98
44) 2,4,5-Trichlorophenol	13.13	196	282291	38.579	ng		96
46) 1,1'-Biphenyl	13.46	154	972931	38.099	ng		99
47) 2-Chloronaphthalene	13.50	162	765172	37.976	ng		98
48) 2-Nitroaniline	13.70	65	239183	42.741	ng		96
49) Acenaphthylene	14.35	152	1250773	38.475	ng		99
50) Dimethylphthalate	14.09	163	990905	38.896	ng		99
51) 2,6-Dinitrotoluene	14.19	165	186089	41.333	ng		97
52) Acenaphthene	14.69	154	797329	38.885	ng		99
53) 3-Nitroaniline	14.52	138	232754	42.025	ng	#	91
54) 2,4-Dinitrophenol	14.72	184	59752	38.486	ng		84
55) Dibenzofuran	15.02	168	1181958	39.323	ng		99
56) 4-Nitrophenol	14.83	139	176149	42.440	ng		96
57) 2,4-Dinitrotoluene	14.98	165	247392	42.777	ng		92
58) Fluorene	15.67	166	975578	39.565	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	222064	39.306	ng		93
60) Diethylphthalate	15.45	149	1032520	38.646	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	480174	39.143	ng		99
62) 4-Nitroaniline	15.68	138	249681	47.419	ng		95
63) Azobenzene	15.96	77	1129658	39.394	ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	88810	36.935	ng		97
66) n-Nitrosodiphenylamine	15.88	169	853308	37.485	ng		98
67) 4-Bromophenyl-phenylether	16.56	248	313641	38.228	ng		99
68) Hexachlorobenzene	16.68	284	310592	37.725	ng		98
69) Atrazine	16.83	200	241862	35.936	ng		97
70) Pentachlorophenol	17.02	266	171608	37.490	ng		99
71) Phenanthrene	17.41	178	1489163	38.345	ng		99
72) Anthracene	17.50	178	1497199	37.988	ng		100
73) Carbazole	17.77	167	1522669	38.544	ng		99
74) Di-n-butylphthalate	18.34	149	1760310	36.874	ng		99
75) Fluoranthene	19.42	202	1736790	38.685	ng		99
77) Benzidine	19.60	184	786087	43.256	ng		99
78) Pyrene	19.78	202	1737795	40.056	ng		99
80) Butylbenzylphthalate	20.68	149	804625	39.246	ng		98
81) Benzo(a)anthracene	21.61	228	1589664	38.038	ng		100
82) 3,3'-Dichlorobenzidine	21.52	252	575045	37.237	ng		99
83) Chrysene	21.67	228	1518077	38.130	ng		98
84) Bis(2-ethylhexyl)phthalate	21.55	149	1118817	37.595	ng		99
85) Di-n-octyl phthalate	22.74	149	1889886	36.594	ng		100
87) Indeno(1,2,3-cd)pyrene	28.36	276	1889471	39.308	ng	#	92
88) Benzo(b)fluoranthene	23.78	252	1642688	39.383	ng		99
89) Benzo(k)fluoranthene	23.85	252	1571982	39.858	ng		99
90) Benzo(a)pyrene	24.64	252	1553023	39.596	ng		99
91) Dibenzo(a,h)anthracene	28.44	278	1504141	38.797	ng		99
92) Benzo(g,h,i)perylene	29.48	276	1513698	38.797	ng		99

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

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