Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044800.D
Acq On : 14 Mar 2020 17:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 16 07:19:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	120059	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	476966	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	319371	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	681160	20.00	ng		0.00
76) Chrysene-d12	21.70	240	574166	20.00	ng		-0.01
87) Perylene-d12	24.92	264	671432	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	564639	73.21	ng		0.00
7) Phenol-d6	7.21	99	810529	72.33	ng		0.00
23) Nitrobenzene-d5	9.21	82	793537	73.01	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	324720	77.65	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1591038	71.34	ng		0.00
79) Terphenyl-d14	20.04	244	2239969	72.97	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	122741	33.049	ng		97
3) Pyridine	3.92	79	366984	33.378	ng		100
4) n-Nitrosodimethylamine	3.83	42	147395	35.333	ng		99
6) Aniline	7.37	93	491851	35.275	ng		97
8) 2-Chlorophenol	7.62	128	283604	36.836	ng		99
9) Benzaldehyde	7.18	77	239157	33.436	ng		98
10) Phenol	7.24	94	400204	36.074	ng		96
11) bis(2-Chloroethyl)ether	7.47	93	306398	34.606	ng		97
12) 1,3-Dichlorobenzene	7.95	146	350007	36.905	ng		96
13) 1,4-Dichlorobenzene	8.09	146	350171	37.347	ng		98
14) 1,2-Dichlorobenzene	8.41	146	330562	37.173	ng		98
15) Benzyl Alcohol	8.28	79	315267	35.066	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	508702	32.558	ng		99
17) 2-Methylphenol	8.49	107	271152	36.083	ng		95
18) Hexachloroethane	9.15	117	131601	35.651	ng		92
19) n-Nitroso-di-n-propylamine	8.86	70	260458	32.918	ng	#	95
20) 3+4-Methylphenols	8.82	107	371374	35.850	ng		98
22) Acetophenone	8.87	105	465007	34.413	ng		99
24) Nitrobenzene	9.25	77	400662	35.525	ng		100
25) Isophorone	9.78	82	704615	33.215	ng		98
26) 2-Nitrophenol	9.97	139	163121	42.389	ng		95
27) 2,4-Dimethylphenol	10.03	122	245716	35.568	ng		96
28) bis(2-Chloroethoxy)methane	10.26	93	427184	33.742	ng		97
29) 2,4-Dichlorophenol	10.50	162	303817	37.652	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	364288	37.757	ng		94
31) Naphthalene	10.91	128	944426	35.744	ng		99
32) Benzoic acid	10.16	122	208057	40.541	ng		91
33) 4-Chloroaniline	11.01	127	408272	34.297	ng		99
34) Hexachlorobutadiene	11.21	225	244988	38.612	ng		99
35) Caprolactam	11.78	113	104298	34.139	ng		87
36) 4-Chloro-3-methylphenol	12.13	107	344489	35.796	ng		98
37) 2-Methylnaphthalene	12.51	142	697555	35.294	ng		99
38) 1-Methylnaphthalene	12.74	142	651467	35.061	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	393615	37.424	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	64784	11.271	ng		99
43) 2,4,6-Trichlorophenol	13.12	196	270215	38.712	ng		98
44) 2,4,5-Trichlorophenol	13.19	196	271931	37.565	ng		97
46) 1,1'-Biphenyl	13.52	154	907486	35.557	ng		99
47) 2-Chloronaphthalene	13.56	162	699436	35.875	ng		98
48) 2-Nitroaniline	13.75	65	256208	37.536	ng		93
49) Acenaphthylene	14.40	152	1074303	35.172	ng		99
50) Dimethylphthalate	14.14	163	869573	34.186	ng		100
51) 2,6-Dinitrotoluene	14.25	165	196772	38.378	ng		93
52) Acenaphthene	14.75	154	679110	33.950	ng		98
53) 3-Nitroaniline	14.57	138	220136	37.345	ng		97
54) 2,4-Dinitrophenol	14.78	184	30370	18.479	ng	#	82
55) Dibenzofuran	15.09	168	1025474	35.352	ng		98
56) 4-Nitrophenol	14.87	139	160448	35.665	ng		96
57) 2,4-Dinitrotoluene	15.03	165	274062	38.974	ng		94
58) Fluorene	15.73	166	837475	35.097	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	255275	38.303	ng		94
60) Diethylphthalate	15.50	149	896868	33.806	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	461893	35.949	ng		96
62) 4-Nitroaniline	15.74	138	222977	35.474	ng		96
63) Azobenzene	16.02	77	931761	33.820	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	48984	20.549	ng		95
66) n-Nitrosodiphenylamine	15.94	169	743049	36.233	ng		98
67) 4-Bromophenyl-phenylether	16.62	248	319451	37.514	ng		96
68) Hexachlorobenzene	16.74	284	350053	37.891	ng		98
69) Atrazine	16.88	200	274875	36.584	ng		99
70) Pentachlorophenol	17.08	266	202288	39.796	ng		96
71) Phenanthrene	17.48	178	1306055	35.881	ng		99
72) Anthracene	17.57	178	1303023	36.303	ng		99
73) Carbazole	17.82	167	1228533	35.633	ng		98
74) Di-n-butylphthalate	18.40	149	1516558	36.185	ng		99
75) Fluoranthene	19.48	202	1572188	36.275	ng		98
77) Benzidine	19.65	184	775361	41.597	ng		98
78) Pyrene	19.84	202	1570352	37.279	ng		99
80) Butylbenzylphthalate	20.73	149	708120	37.786	ng		98
81) Benzo(a)anthracene	21.68	228	1509102	36.501	ng		98
82) 3,3'-Dichlorobenzidine	21.60	252	600759	37.560	ng		96
83) Chrysene	21.75	228	1453023	36.792	ng		98
84) Bis(2-ethylhexyl)phthalate	21.61	149	953164	36.853	ng		99
85) Di-n-octyl phthalate	22.83	149	1601233	36.996	ng		99
86) Indeno(1,2,3-cd)pyrene	28.57	276	1749553	33.791	ng		92
88) Benzo(b)fluoranthene	23.91	252	1594035	35.961	ng		99
89) Benzo(k)fluoranthene	23.97	252	1534828	36.589	ng		99
90) Benzo(a)pyrene	24.77	252	1502286	36.220	ng		99
91) Dibenzo(a,h)anthracene	28.65	278	1413972	34.555	ng		98
92) Benzo(g,h,i)perylene	29.71	276	1285788	31.102	ng		97

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

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