Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
Data File : BG039728.D
Acq On : 4 Mar 2019 12:58
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Quant Time: Mar 04 13:46:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 11:45:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	44313	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	206271	20.00	ng		0.00
39) Acenaphthene-d10	14.78	164	135227	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	322971	20.00	ng		0.00
76) Chrysene-d12	21.83	240	322816	20.00	ng		0.00
87) Perylene-d12	25.20	264	333453	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	423892	163.72	ng		0.00
7) Phenol-d6	7.31	99	621270	163.02	ng		0.00
23) Nitrobenzene-d5	9.34	82	614692	186.17	ng		0.00
42) 2,4,6-Tribromophenol	16.28	330	262397	180.20	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	1399473	148.46	ng		0.00
79) Terphenyl-d14	20.12	244	2006125	131.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	90803	80.176	ng		99
3) Pyridine	4.00	79	251211	83.778	ng		96
4) n-Nitrosodimethylamine	3.92	42	130476	87.007	ng		94
6) Aniline	7.49	93	407246	85.310	ng		98
8) 2-Chlorophenol	7.72	128	253576	89.598	ng		99
9) Benzaldehyde	7.30	77	166871	80.303	ng		96
10) Phenol	7.34	94	339309	85.408	ng		95
11) bis(2-Chloroethyl)ether	7.58	93	266900	85.021	ng		96
12) 1,3-Dichlorobenzene	8.05	146	282871	82.506	ng		96
13) 1,4-Dichlorobenzene	8.20	146	286792	83.925	ng		99
14) 1,2-Dichlorobenzene	8.52	146	273224	82.591	ng		95
15) Benzyl Alcohol	8.40	79	253199	84.624	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	511140	72.102	ng		100
17) 2-Methylphenol	8.59	107	221426	86.128	ng		99
18) Hexachloroethane	9.24	117	105889	90.066	ng		98
19) n-Nitroso-di-n-propylamine	8.97	70	219678	81.213	ng	#	98
20) 3+4-Methylphenols	8.93	107	306090	86.459	ng		97
22) Acetophenone	8.99	105	428600	77.354	ng	#	98
24) Nitrobenzene	9.39	77	319669	89.617	ng		96
25) Isophorone	9.90	82	632864	86.494	ng		98
26) 2-Nitrophenol	10.09	139	162270	124.196	ng		97
27) 2,4-Dimethylphenol	10.13	122	241617	81.631	ng		97
28) bis(2-Chloroethoxy)methane	10.38	93	375654	83.353	ng		99
29) 2,4-Dichlorophenol	10.62	162	282698	87.390	ng		99
30) 1,2,4-Trichlorobenzene	10.84	180	301031	82.887	ng		100
31) Naphthalene	11.04	128	839406	82.030	ng		99
32) Benzoic acid	10.31	122	177444	105.507	ng		96
33) 4-Chloroaniline	11.15	127	368608	77.688	ng		98
34) Hexachlorobutadiene	11.29	225	208117	86.167	ng		99
35) Caprolactam	11.95	113	103769	77.519	ng		97
36) 4-Chloro-3-methylphenol	12.25	107	310116	82.893	ng		99
37) 2-Methylnaphthalene	12.63	142	626048	82.602	ng		99
38) 1-Methylnaphthalene	12.85	142	605995	82.946	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	360838	83.866	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	217402	92.728	ng	98
43) 2,4,6-Trichlorophenol	13.22	196	226390	85.578	ng	96
44) 2,4,5-Trichlorophenol	13.29	196	252871	91.203	ng	95
46) 1,1'-Biphenyl	13.62	154	847406	75.317	ng	99
47) 2-Chloronaphthalene	13.67	162	650749	76.884	ng	100
48) 2-Nitroaniline	13.88	65	222721	103.679	ng	97
49) Acenaphthylene	14.51	152	1043798	81.728	ng	96
50) Dimethylphthalate	14.24	163	856119	78.389	ng	98
51) 2,6-Dinitrotoluene	14.37	165	197625	107.066	ng	99
52) Acenaphthene	14.85	154	640864	77.303	ng	98
53) 3-Nitroaniline	14.71	138	198634	98.477	ng	98
54) 2,4-Dinitrophenol	14.90	184	122722	177.181	ng	98
55) Dibenzofuran	15.18	168	1008632	75.882	ng	95
56) 4-Nitrophenol	15.00	139	177193	103.252	ng	99
57) 2,4-Dinitrotoluene	15.15	165	279695	120.228	ng	95
58) Fluorene	15.83	166	799618	80.699	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	246136	94.812	ng	99
60) Diethylphthalate	15.59	149	849922	75.268	ng	97
61) 4-Chlorophenyl-phenylether	15.82	204	436591	77.815	ng	98
62) 4-Nitroaniline	15.87	138	211637	98.876	ng	98
63) Azobenzene	16.11	77	764471	69.265	ng	99
65) 4,6-Dinitro-2-methylphenol	15.91	198	164295	138.415	ng	96
66) n-Nitrosodiphenylamine	16.04	169	718721	73.186	ng	96
67) 4-Bromophenyl-phenylether	16.71	248	291117	81.249	ng	99
68) Hexachlorobenzene	16.82	284	297622	82.792	ng	100
69) Atrazine	16.97	200	289001	80.529	ng	99
70) Pentachlorophenol	17.17	266	206144	82.508	ng	98
71) Phenanthrene	17.57	178	1310516	78.399	ng	97
72) Anthracene	17.67	178	1285573	78.078	ng	97
73) Carbazole	17.94	167	1158449	70.499	ng	97
74) Di-n-butylphthalate	18.47	149	1382086	72.095	ng	99
75) Fluoranthene	19.58	202	1528382	78.774	ng	98
77) Benzidine	19.76	184	832060	78.617	ng	96
78) Pyrene	19.94	202	1525850	75.927	ng	95
80) Butylbenzylphthalate	20.81	149	670316	79.072	ng	97
81) Benzo(a)anthracene	21.80	228	1537014	80.577	ng	97
82) 3,3'-Dichlorobenzidine	21.72	252	576078	81.449	ng	98
83) Chrysene	21.87	228	1467398	80.812	ng	96
84) Bis(2-ethylhexyl)phthalate	21.67	149	922845	76.306	ng	100
85) Di-n-octyl phthalate	22.93	149	1550758	77.613	ng	99
86) Indeno(1,2,3-cd)pyrene	29.11	276	1826089	93.731	ng	97
88) Benzo(b)fluoranthene	24.12	252	1581676	86.977	ng	98
89) Benzo(k)fluoranthene	24.19	252	1414161	77.457	ng	99
90) Benzo(a)pyrene	25.05	252	1474454	84.189	ng	99
91) Dibenzo(a,h)anthracene	29.17	278	1433132	87.379	ng	99
92) Benzo(g,h,i)perylene	30.33	276	1473646	90.144	ng	98

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

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