Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
Data File : BG039459.D
Acq On : 12 Feb 2019 11:54
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
2/13/2019 9:56:39 AM

Quant Time: Feb 12 13:00:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	62081	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	285712	20.00	ng		-0.02
39) Acenaphthene-d10	14.80	164	198684	20.00	ng		-0.02
64) Phenanthrene-d10	17.54	188	429415	20.00	ng		-0.02
76) Chrysene-d12	21.83	240	384593	20.00	ng		-0.02
87) Perylene-d12	25.21	264	400584	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	281435	77.59	ng		0.00
7) Phenol-d6	7.31	99	442587	82.89	ng		0.00
23) Nitrobenzene-d5	9.35	82	434348	94.97	ng		-0.01
42) 2,4,6-Tribromophenol	16.28	330	182969	85.52	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	1051801	75.94	ng		-0.02
79) Terphenyl-d14	20.13	244	1380393	75.97	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	58407	36.811	ng		91
3) Pyridine	4.01	79	172453	41.052	ng		98
4) n-Nitrosodimethylamine	3.93	42	76658	36.488	ng		87
6) Aniline	7.50	93	268445	40.139	ng		98
8) 2-Chlorophenol	7.73	128	167497	42.245	ng		94
9) Benzaldehyde	7.31	77	110063	41.807	ng		97
10) Phenol	7.33	94	228645	41.081	ng		97
11) bis(2-Chloroethyl)ether	7.59	93	181331	41.231	ng		96
12) 1,3-Dichlorobenzene	8.06	146	190644	39.691	ng		98
13) 1,4-Dichlorobenzene	8.21	146	193350	40.387	ng		97
14) 1,2-Dichlorobenzene	8.53	146	185990	40.131	ng		99
15) Benzyl Alcohol	8.41	79	173953	41.499	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.69	45	341696	34.405	ng		99
17) 2-Methylphenol	8.60	107	148444	41.214	ng		97
18) Hexachloroethane	9.26	117	68254	41.439	ng		95
19) n-Nitroso-di-n-propylamine	8.98	70	155239	40.965	ng		91
20) 3+4-Methylphenols	8.93	107	214177	43.182	ng		98
22) Acetophenone	9.00	105	297067	38.707	ng	#	93
24) Nitrobenzene	9.39	77	220165	44.560	ng		96
25) Isophorone	9.91	82	388520	38.335	ng		98
26) 2-Nitrophenol	10.10	139	109337	54.210	ng		97
27) 2,4-Dimethylphenol	10.14	122	165360	40.334	ng		98
28) bis(2-Chloroethoxy)methane	10.39	93	249726	40.004	ng		99
29) 2,4-Dichlorophenol	10.63	162	198048	44.200	ng		94
30) 1,2,4-Trichlorobenzene	10.85	180	205608	40.872	ng		99
31) Naphthalene	11.05	128	554170	39.098	ng		99
32) Benzoic acid	10.27	122	108586	41.867	ng		94
33) 4-Chloroaniline	11.15	127	262346	39.918	ng		97
34) Hexachlorobutadiene	11.31	225	138792	41.486	ng		96
35) Caprolactam	11.95	113	79170	42.698	ng		96
36) 4-Chloro-3-methylphenol	12.25	107	213839	41.266	ng		96
37) 2-Methylnaphthalene	12.63	142	413303	39.370	ng		97
38) 1-Methylnaphthalene	12.86	142	406468	40.166	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	260813	41.258	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	131442	38.158	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	166798	42.914	ng		96
44) 2,4,5-Trichlorophenol	13.30	196	180112	44.213	ng		99
46) 1,1'-Biphenyl	13.63	154	629662	38.090	ng		99
47) 2-Chloronaphthalene	13.68	162	485565	39.045	ng		99
48) 2-Nitroaniline	13.88	65	160674	45.499	ng		97
49) Acenaphthylene	14.52	152	713963	38.048	ng		99
50) Dimethylphthalate	14.24	163	616593	38.425	ng		99
51) 2,6-Dinitrotoluene	14.37	165	139841	46.816	ng		94
52) Acenaphthene	14.86	154	461502	37.888	ng		99
53) 3-Nitroaniline	14.71	138	137305	43.103	ng	#	94
54) 2,4-Dinitrophenol	14.91	184	40726	40.742	ng		91
55) Dibenzofuran	15.19	168	742643	38.027	ng		99
56) 4-Nitrophenol	14.99	139	102109	38.439	ng	#	83
57) 2,4-Dinitrotoluene	15.15	165	187455	48.667	ng	#	84
58) Fluorene	15.84	166	541446	37.191	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.41	232	161798	42.419	ng		97
60) Diethylphthalate	15.59	149	604544	36.438	ng		97
61) 4-Chlorophenyl-phenylether	15.82	204	325018	39.427	ng		96
62) 4-Nitroaniline	15.87	138	133249	40.335	ng		94
63) Azobenzene	16.12	77	558213	34.424	ng		98
65) 4,6-Dinitro-2-methylphenol	15.91	198	87888	50.765	ng		94
66) n-Nitrosodiphenylamine	16.04	169	529851	40.580	ng		98
67) 4-Bromophenyl-phenylether	16.72	248	211863	44.473	ng		92
68) Hexachlorobenzene	16.83	284	208926	43.712	ng		95
69) Atrazine	16.98	200	177304	37.158	ng		98
70) Pentachlorophenol	17.17	266	130409	39.257	ng		99
71) Phenanthrene	17.59	178	843435	37.949	ng		98
72) Anthracene	17.67	178	842789	38.498	ng		98
73) Carbazole	17.94	167	768649	35.182	ng		100
74) Di-n-butylphthalate	18.48	149	897516	35.213	ng		99
75) Fluoranthene	19.58	202	917863	35.581	ng		99
77) Benzidine	19.76	184	407236m	32.297	ng		
78) Pyrene	19.95	202	922690	38.539	ng		99
80) Butylbenzylphthalate	20.81	149	393039	38.916	ng		96
81) Benzo(a)anthracene	21.81	228	891606	39.234	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	334031	39.641	ng		99
83) Chrysene	21.88	228	846707	39.139	ng		99
84) Bis(2-ethylhexyl)phthalate	21.68	149	559129	38.805	ng		100
85) Di-n-octyl phthalate	22.94	149	934697	39.266	ng		96
86) Indeno(1,2,3-cd)pyrene	29.10	276	990769	42.686	ng		99
88) Benzo(b)fluoranthene	24.12	252	863513	39.527	ng		99
89) Benzo(k)fluoranthene	24.20	252	861766	39.291	ng		99
90) Benzo(a)pyrene	25.05	252	833625	39.622	ng		99
91) Dibenzo(a,h)anthracene	29.16	278	814954	41.361	ng	#	97
92) Benzo(g,h,i)perylene	30.32	276	812839	41.389	ng		99

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

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