Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030520\
Data File : BG044686.D
Acq On : 5 Mar 2020 16:03
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 05 17:26:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 05 15:55:35 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
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3/6/2020 10:17:37 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	63579	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	255689	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	179192	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	413981	20.00	ng		0.00
76) Chrysene-d12	21.72	240	345117	20.00	ng		0.00
87) Perylene-d12	24.94	264	411888	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	647133	163.31	ng		0.00
7) Phenol-d6	7.22	99	982900	181.21	ng		0.00
23) Nitrobenzene-d5	9.22	82	953030	192.02	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	408145	160.64	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	1947829	155.66	ng		0.00
79) Terphenyl-d14	20.06	244	2833150	155.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	155564	89.964	ng		98
3) Pyridine	3.92	79	496106m	102.822	ng		
4) n-Nitrosodimethylamine	3.83	42	204968	111.850	ng	#	92
6) Aniline	7.38	93	628591	95.185	ng		99
8) 2-Chlorophenol	7.63	128	333053	76.995	ng		99
9) Benzaldehyde	7.19	77	218160	68.400	ng		99
10) Phenol	7.24	94	492495	93.695	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	376724	85.254	ng		99
12) 1,3-Dichlorobenzene	7.95	146	392111	76.002	ng		100
13) 1,4-Dichlorobenzene	8.10	146	395331	76.245	ng		97
14) 1,2-Dichlorobenzene	8.42	146	372616	75.568	ng		97
15) Benzyl Alcohol	8.30	79	429473	117.404	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	686552	115.607	ng		97
17) 2-Methylphenol	8.50	107	334752	89.147	ng		99
18) Hexachloroethane	9.15	117	157316	83.021	ng		95
19) n-Nitroso-di-n-propylamine	8.88	70	363292	104.198	ng		98
20) 3+4-Methylphenols	8.83	107	471153	91.646	ng		97
22) Acetophenone	8.88	105	592872	92.355	ng	#	95
24) Nitrobenzene	9.27	77	506714	105.383	ng		98
25) Isophorone	9.79	82	968821	104.348	ng		98
26) 2-Nitrophenol	9.98	139	177197	67.952	ng		96
27) 2,4-Dimethylphenol	10.04	122	308183	84.171	ng		98
28) bis(2-Chloroethoxy)methane	10.28	93	540419	88.018	ng		100
29) 2,4-Dichlorophenol	10.51	162	356577	81.459	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	406860	80.368	ng		96
31) Naphthalene	10.92	128	1128472	80.883	ng		99
32) Benzoic acid	10.21	122	254623	179.169	ng		89
33) 4-Chloroaniline	11.02	127	525500	85.515	ng		97
34) Hexachlorobutadiene	11.22	225	277937	87.423	ng		96
35) Caprolactam	11.81	113	141662	90.401	ng		99
36) 4-Chloro-3-methylphenol	12.14	107	446102	99.004	ng		98
37) 2-Methylnaphthalene	12.53	142	850679	82.499	ng		98
38) 1-Methylnaphthalene	12.74	142	810253	82.697	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	463013	76.753	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	279661	117.516	ng		96
43) 2,4,6-Trichlorophenol	13.13	196	324782	82.917	ng		96
44) 2,4,5-Trichlorophenol	13.20	196	332232	82.569	ng		93
46) 1,1'-Biphenyl	13.54	154	1112215	75.003	ng		98
47) 2-Chloronaphthalene	13.57	162	858279	73.810	ng		99
48) 2-Nitroaniline	13.77	65	338670	104.921	ng		99
49) Acenaphthylene	14.42	152	1360028	79.234	ng		99
50) Dimethylphthalate	14.15	163	1148546	79.412	ng		98
51) 2,6-Dinitrotoluene	14.26	165	239982	75.235	ng		97
52) Acenaphthene	14.77	154	911157	83.274	ng		97
53) 3-Nitroaniline	14.59	138	270023	78.492	ng		94
54) 2,4-Dinitrophenol	14.79	184	116399	75.941	ng	#	89
55) Dibenzofuran	15.09	168	1300650	77.539	ng		98
56) 4-Nitrophenol	14.89	139	213934	90.407	ng		97
57) 2,4-Dinitrotoluene	15.05	165	329563	73.488	ng		95
58) Fluorene	15.75	166	1077714	81.031	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	321047m	86.645	ng		
60) Diethylphthalate	15.52	149	1243270	86.757	ng		98
61) 4-Chlorophenyl-phenylether	15.74	204	594886	82.263	ng		99
62) 4-Nitroaniline	15.76	138	288851	83.855	ng		98
63) Azobenzene	16.03	77	1281865	105.105	ng		98
65) 4,6-Dinitro-2-methylphenol	15.82	198	159379	62.176	ng		96
66) n-Nitrosodiphenylamine	15.95	169	982143	76.057	ng		97
67) 4-Bromophenyl-phenylether	16.63	248	410790	79.941	ng		95
68) Hexachlorobenzene	16.76	284	444213	76.459	ng		99
69) Atrazine	16.90	200	356207	74.616	ng		99
70) Pentachlorophenol	17.09	266	263497	109.471	ng		99
71) Phenanthrene	17.49	178	1729581	75.463	ng		99
72) Anthracene	17.58	178	1697354	75.149	ng		96
73) Carbazole	17.84	167	1609590	78.291	ng		99
74) Di-n-butylphthalate	18.42	149	1984254	77.020	ng		97
75) Fluoranthene	19.50	202	2031746	74.884	ng		97
77) Benzidine	19.67	184	965202	81.644	ng		96
78) Pyrene	19.85	202	2039306	81.402	ng		96
80) Butylbenzylphthalate	20.75	149	951086	86.791	ng		98
81) Benzo(a)anthracene	21.70	228	2000186	82.462	ng		97
82) 3,3'-Dichlorobenzidine	21.62	252	804956	84.002	ng		100
83) Chrysene	21.77	228	1899782	81.007	ng		98
84) Bis(2-ethylhexyl)phthalate	21.64	149	1279807	84.759	ng		94
85) Di-n-octyl phthalate	22.87	149	2202394	82.903	ng		98
86) Indeno(1,2,3-cd)pyrene	28.64	276	2607850	86.647	ng		99
88) Benzo(b)fluoranthene	23.94	252	2192432	80.959	ng		97
89) Benzo(k)fluoranthene	24.00	252	2072657	78.880	ng		98
90) Benzo(a)pyrene	24.81	252	2057664	80.870	ng		99
91) Dibenzo(a,h)anthracene	28.71	278	2055581	81.688	ng		97
92) Benzo(g,h,i)perylene	29.79	276	2078076	82.425	ng		99

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

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