Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031020\
Data File : BG044712.D
Acq On : 10 Mar 2020 13:07
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
mohammad
3/11/2020 4:56:52 PM

Quant Time: Mar 10 14:21:35 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 14:03:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	101278	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	398870	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	262757	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	581669	20.00	ng		0.00
76) Chrysene-d12	21.71	240	500453	20.00	ng		0.00
87) Perylene-d12	24.93	264	592906	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	674128	99.97	ng		0.00
7) Phenol-d6	7.21	99	974017	95.55	ng		0.00
23) Nitrobenzene-d5	9.22	82	932392	106.43	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	356791	98.85	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1884844	99.93	ng		0.00
79) Terphenyl-d14	20.05	244	2624315	93.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	163249	50.503	ng		98
3) Pyridine	3.92	79	493492	49.240	ng		98
4) n-Nitrosodimethylamine	3.83	42	183776	43.349	ng		96
6) Aniline	7.38	93	605431	47.413	ng		98
8) 2-Chlorophenol	7.62	128	331319	48.475	ng		98
9) Benzaldehyde	7.19	77	278504	46.550	ng		99
10) Phenol	7.24	94	478746	47.678	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	380676	49.340	ng		97
12) 1,3-Dichlorobenzene	7.95	146	408468	50.251	ng		95
13) 1,4-Dichlorobenzene	8.09	146	404563	49.818	ng		99
14) 1,2-Dichlorobenzene	8.42	146	380235	49.533	ng		96
15) Benzyl Alcohol	8.29	79	398451	45.311	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	667626	45.801	ng		99
17) 2-Methylphenol	8.49	107	331369	48.163	ng		95
18) Hexachloroethane	9.15	117	158159	48.558	ng		95
19) n-Nitroso-di-n-propylamine	8.87	70	341550	44.852	ng		99
20) 3+4-Methylphenols	8.82	107	445090	46.438	ng		98
22) Acetophenone	8.88	105	567260	48.716	ng	#	99
24) Nitrobenzene	9.26	77	485995	52.324	ng		99
25) Isophorone	9.79	82	917498	47.492	ng		98
26) 2-Nitrophenol	9.97	139	164753	54.242	ng		95
27) 2,4-Dimethylphenol	10.03	122	294904	48.655	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	540352	49.682	ng		97
29) 2,4-Dichlorophenol	10.51	162	356692	51.722	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	410119	51.196	ng		95
31) Naphthalene	10.92	128	1119573	50.016	ng		99
32) Benzoic acid	10.18	122	219963	51.747	ng		98
33) 4-Chloroaniline	11.01	127	503355	48.822	ng		99
34) Hexachlorobutadiene	11.21	225	268499	49.058	ng		98
35) Caprolactam	11.79	113	130701	45.401	ng		97
36) 4-Chloro-3-methylphenol	12.14	107	417641	47.820	ng		94
37) 2-Methylnaphthalene	12.52	142	842761	49.891	ng		98
38) 1-Methylnaphthalene	12.74	142	789092	49.415	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	441703	51.782	ng		100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	247282	49.576	ng		94
43) 2,4,6-Trichlorophenol	13.12	196	305316	51.631	ng		98
44) 2,4,5-Trichlorophenol	13.19	196	316354	52.165	ng		96
46) 1,1'-Biphenyl	13.53	154	1072305	51.310	ng		96
47) 2-Chloronaphthalene	13.57	162	830515	52.098	ng		99
48) 2-Nitroaniline	13.76	65	300557	55.903	ng		97
49) Acenaphthylene	14.42	152	1299105	50.866	ng		99
50) Dimethylphthalate	14.15	163	1076179	49.266	ng		99
51) 2,6-Dinitrotoluene	14.26	165	221341	56.390	ng		98
52) Acenaphthene	14.76	154	852589	51.628	ng		98
53) 3-Nitroaniline	14.58	138	256439	56.690	ng		99
54) 2,4-Dinitrophenol	14.79	184	98689	54.151	ng	#	74
55) Dibenzofuran	15.09	168	1218335	49.236	ng		99
56) 4-Nitrophenol	14.88	139	201905	57.366	ng		99
57) 2,4-Dinitrotoluene	15.04	165	311258	59.346	ng		95
58) Fluorene	15.74	166	996848	48.706	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	293471m	50.845	ng		
60) Diethylphthalate	15.51	149	1126998	48.256	ng		100
61) 4-Chlorophenyl-phenylether	15.74	204	540469	48.666	ng		99
62) 4-Nitroaniline	15.75	138	269983	54.187	ng		98
63) Azobenzene	16.03	77	1164491	47.646	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	136662	57.510	ng		94
66) n-Nitrosodiphenylamine	15.94	169	897988	50.493	ng		99
67) 4-Bromophenyl-phenylether	16.63	248	372753	50.812	ng		99
68) Hexachlorobenzene	16.75	284	407464	51.439	ng		96
69) Atrazine	16.90	200	337470	49.102	ng		99
70) Pentachlorophenol	17.08	266	233051	51.848	ng		95
71) Phenanthrene	17.48	178	1602671	50.249	ng		99
72) Anthracene	17.57	178	1575935	50.166	ng		99
73) Carbazole	17.84	167	1510582	50.211	ng		100
74) Di-n-butylphthalate	18.41	149	1851572	48.867	ng		99
75) Fluoranthene	19.49	202	1891035	49.058	ng		99
77) Benzidine	19.66	184	779672	39.027	ng		100
78) Pyrene	19.84	202	1904515	49.893	ng		99
80) Butylbenzylphthalate	20.74	149	866314	50.845	ng		95
81) Benzo(a)anthracene	21.69	228	1857511	49.494	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	734341	49.144	ng		99
83) Chrysene	21.76	228	1772609	49.622	ng		100
84) Bis(2-ethylhexyl)phthalate	21.63	149	1182346	49.761	ng		99
85) Di-n-octyl phthalate	22.85	149	2012438	49.321	ng		100
86) Indeno(1,2,3-cd)pyrene	28.60	276	2336998	49.536	ng	#	95
88) Benzo(b)fluoranthene	23.92	252	2006177	49.716	ng		99
89) Benzo(k)fluoranthene	23.99	252	1890647	49.984	ng		100
90) Benzo(a)pyrene	24.79	252	1894139	50.399	ng		98
91) Dibenzo(a,h)anthracene	28.68	278	1833575	48.926	ng		98
92) Benzo(g,h,i)perylene	29.75	276	1860177	49.553	ng		99

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

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