Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044762.D
Acq On : 13 Mar 2020 9:23
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
3/16/2020 1:48:41 PM

Quant Time: Mar 13 10:01:19 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	8.06	152	123035	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	493708	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	333133	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	768495	20.00	ng		0.00
76) Chrysene-d12	21.70	240	666871	20.00	ng		0.00
87) Perylene-d12	24.92	264	788047	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	587784	74.37	ng		0.00
7) Phenol-d6	7.21	99	852709	74.26	ng		0.00
23) Nitrobenzene-d5	9.21	82	840242	74.68	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	343966	78.86	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1691744	72.72	ng		0.00
79) Terphenyl-d14	20.05	244	2499907	70.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	133021	34.950	ng		98
3) Pyridine	3.92	79	404616	35.911	ng		97
4) n-Nitrosodimethylamine	3.83	42	169477	39.644	ng		89
6) Aniline	7.37	93	517163	36.193	ng		98
8) 2-Chlorophenol	7.61	128	286746	36.344	ng		97
9) Benzaldehyde	7.19	77	250555	34.434	ng		96
10) Phenol	7.23	94	415605	36.556	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	316610	34.895	ng		98
12) 1,3-Dichlorobenzene	7.95	146	353221	36.343	ng		93
13) 1,4-Dichlorobenzene	8.09	146	345612	35.969	ng		99
14) 1,2-Dichlorobenzene	8.41	146	325208	35.687	ng		94
15) Benzyl Alcohol	8.28	79	343000	37.227	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	581773	36.334	ng		98
17) 2-Methylphenol	8.49	107	284860	36.990	ng		94
18) Hexachloroethane	9.15	117	140482	37.136	ng		95
19) n-Nitroso-di-n-propylamine	8.86	70	288167	35.539	ng	#	99
20) 3+4-Methylphenols	8.82	107	393091	37.029	ng		95
22) Acetophenone	8.87	105	490184	35.046	ng		98
24) Nitrobenzene	9.25	77	423932	36.314	ng		97
25) Isophorone	9.78	82	771623	35.140	ng		98
26) 2-Nitrophenol	9.97	139	164354	41.408	ng	#	91
27) 2,4-Dimethylphenol	10.03	122	257806	36.052	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	462843	35.319	ng		99
29) 2,4-Dichlorophenol	10.51	162	314451	37.648	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	366142	36.662	ng		94
31) Naphthalene	10.92	128	988988	36.162	ng		100
32) Benzoic acid	10.15	122	147404	30.800	ng		93
33) 4-Chloroaniline	11.01	127	437924	35.541	ng		99
34) Hexachlorobutadiene	11.22	225	245126	37.323	ng		98
35) Caprolactam	11.79	113	120377	38.066	ng		94
36) 4-Chloro-3-methylphenol	12.13	107	370249	37.168	ng		95
37) 2-Methylnaphthalene	12.51	142	735943	35.973	ng		98
38) 1-Methylnaphthalene	12.74	142	693413	36.053	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	399227	36.389	ng		100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	222075	37.039 ng	99
43) 2,4,6-Trichlorophenol	13.12	196	287039	39.423 ng	95
44) 2,4,5-Trichlorophenol	13.19	196	288388	38.193 ng	96
46) 1,1'-Biphenyl	13.53	154	963376	36.188 ng	99
47) 2-Chloronaphthalene	13.57	162	741713	36.472 ng	99
48) 2-Nitroaniline	13.75	65	292209	41.042 ng	99
49) Acenaphthylene	14.41	152	1154933	36.250 ng	99
50) Dimethylphthalate	14.14	163	964588	36.355 ng	98
51) 2,6-Dinitrotoluene	14.25	165	211289	39.507 ng	94
52) Acenaphthene	14.75	154	747274	35.814 ng	99
53) 3-Nitroaniline	14.58	138	236138	38.404 ng	99
54) 2,4-Dinitrophenol	14.78	184	54519	25.801 ng	86
55) Dibenzofuran	15.09	168	1110560	36.703 ng	99
56) 4-Nitrophenol	14.88	139	178442	38.026 ng	93
57) 2,4-Dinitrotoluene	15.04	165	298103	40.642 ng	99
58) Fluorene	15.73	166	909545	36.542 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	273117m	39.287 ng	
60) Diethylphthalate	15.51	149	1016272	36.724 ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	498886	37.224 ng	96
62) 4-Nitroaniline	15.74	138	248299	37.871 ng	98
63) Azobenzene	16.02	77	1045036	36.365 ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	105395	32.180 ng	93
66) n-Nitrosodiphenylamine	15.94	169	820293	35.454 ng	99
67) 4-Bromophenyl-phenylether	16.62	248	346324	36.048 ng	96
68) Hexachlorobenzene	16.75	284	377389	36.208 ng	98
69) Atrazine	16.89	200	311397	36.735 ng	98
70) Pentachlorophenol	17.08	266	201302	35.102 ng	97
71) Phenanthrene	17.47	178	1473317	35.876 ng	99
72) Anthracene	17.57	178	1453633	35.897 ng	99
73) Carbazole	17.83	167	1378385	35.436 ng	100
74) Di-n-butylphthalate	18.40	149	1694533	35.837 ng	99
75) Fluoranthene	19.48	202	1769467	36.187 ng	99
77) Benzidine	19.65	184	846972	39.122 ng	99
78) Pyrene	19.84	202	1754568	35.861 ng	99
80) Butylbenzylphthalate	20.73	149	807990	37.121 ng	98
81) Benzo(a)anthracene	21.69	228	1738647	36.207 ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	666019	35.852 ng	100
83) Chrysene	21.75	228	1644339	35.848 ng	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	1090100	36.288 ng	98
85) Di-n-octyl phthalate	22.84	149	1865744	37.115 ng	100
86) Indeno(1,2,3-cd)pyrene	28.58	276	2210540	36.759 ng	100
88) Benzo(b)fluoranthene	23.91	252	1870516	35.954 ng	98
89) Benzo(k)fluoranthene	23.97	252	1810005	36.764 ng	99
90) Benzo(a)pyrene	24.77	252	1770729	36.375 ng	100
91) Dibenzo(a,h)anthracene	28.65	278	1763809	36.726 ng	99
92) Benzo(g,h,i)perylene	29.72	276	1779174	36.668 ng	99

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

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