Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031020\
Data File : BG044709.D
Acq On : 10 Mar 2020 11:10
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
mohammad
3/11/2020 4:56:48 PM

Quant Time: Mar 10 14:18:06 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	88176	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	359601	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	249359	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	559998	20.00	ng		0.00
76) Chrysene-d12	21.71	240	512184	20.00	ng		0.00
87) Perylene-d12	24.94	264	588210	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	121380	20.67	ng		0.01
7) Phenol-d6	7.21	99	182685	20.59	ng		0.00
23) Nitrobenzene-d5	9.22	82	165848	21.00	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	66175	19.32	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	412023	23.02	ng		0.00
79) Terphenyl-d14	20.05	244	666184	23.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	29158	10.361	ng		97
3) Pyridine	3.93	79	82986	9.511	ng		96
4) n-Nitrosodimethylamine	3.85	42	28036	7.596	ng	#	87
6) Aniline	7.38	93	111296	10.011	ng		96
8) 2-Chlorophenol	7.63	128	63426	10.659	ng		96
9) Benzaldehyde	7.19	77	67005	12.863	ng		98
10) Phenol	7.24	94	90218	10.320	ng		94
11) bis(2-Chloroethyl)ether	7.48	93	75143	11.186	ng		92
12) 1,3-Dichlorobenzene	7.95	146	78780	11.132	ng		98
13) 1,4-Dichlorobenzene	8.10	146	77047	10.897	ng		96
14) 1,2-Dichlorobenzene	8.42	146	75028	11.226	ng		94
15) Benzyl Alcohol	8.29	79	69508	9.079	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.60	45	129047	10.168	ng		95
17) 2-Methylphenol	8.50	107	60207	10.051	ng		97
18) Hexachloroethane	9.16	117	29388	10.363	ng		97
19) n-Nitroso-di-n-propylamine	8.87	70	64615	9.746	ng	#	97
20) 3+4-Methylphenols	8.82	107	80402	9.635	ng		98
22) Acetophenone	8.88	105	113533	10.815	ng		98
24) Nitrobenzene	9.26	77	84776	10.124	ng		99
25) Isophorone	9.79	82	171349	9.838	ng	#	96
26) 2-Nitrophenol	9.97	139	21529	7.862	ng		97
27) 2,4-Dimethylphenol	10.03	122	54926	10.052	ng		86
28) bis(2-Chloroethoxy)methane	10.27	93	106226	10.833	ng		100
29) 2,4-Dichlorophenol	10.51	162	60472	9.726	ng		94
30) 1,2,4-Trichlorobenzene	10.74	180	78702	10.897	ng		94
31) Naphthalene	10.93	128	225533	11.176	ng		98
32) Benzoic acid	10.11	122	21704	5.664	ng	#	83
33) 4-Chloroaniline	11.02	127	99529	10.708	ng		95
34) Hexachlorobutadiene	11.22	225	50643	10.263	ng		97
35) Caprolactam	11.77	113	21848	8.418	ng		92
36) 4-Chloro-3-methylphenol	12.14	107	74532	9.466	ng		97
37) 2-Methylnaphthalene	12.53	142	166781	10.951	ng		97
38) 1-Methylnaphthalene	12.74	142	157078	10.911	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	89761	11.088	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	43097	9.104	ng		96
43) 2,4,6-Trichlorophenol	13.12	196	51394	9.158	ng		99
44) 2,4,5-Trichlorophenol	13.19	196	57197	9.938	ng	#	96
46) 1,1'-Biphenyl	13.53	154	224559	11.322	ng		99
47) 2-Chloronaphthalene	13.57	162	168158	11.115	ng		96
48) 2-Nitroaniline	13.76	65	44588	8.739	ng		98
49) Acenaphthylene	14.42	152	271083	11.184	ng		98
50) Dimethylphthalate	14.14	163	222125	10.715	ng		99
51) 2,6-Dinitrotoluene	14.26	165	37242	9.998	ng		92
52) Acenaphthene	14.76	154	167631	10.696	ng		94
53) 3-Nitroaniline	14.58	138	43306	10.088	ng		92
54) 2,4-Dinitrophenol	14.79	184	13379	7.736	ng	#	75
55) Dibenzofuran	15.09	168	260760	11.104	ng		95
56) 4-Nitrophenol	14.87	139	31666	9.480	ng		88
57) 2,4-Dinitrotoluene	15.04	165	47123	9.467	ng		99
58) Fluorene	15.74	166	216792	11.162	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.31	232	50963m	9.304	ng		
60) Diethylphthalate	15.51	149	229429	10.352	ng		98
61) 4-Chlorophenyl-phenylether	15.74	204	111672	10.596	ng		99
62) 4-Nitroaniline	15.74	138	48950	10.352	ng		97
63) Azobenzene	16.03	77	248874	10.730	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	17307	7.565	ng		93
66) n-Nitrosodiphenylamine	15.94	169	185179	10.815	ng		99
67) 4-Bromophenyl-phenylether	16.63	248	76192	10.788	ng		95
68) Hexachlorobenzene	16.75	284	81667	10.709	ng		98
69) Atrazine	16.89	200	72045	10.888	ng		99
70) Pentachlorophenol	17.09	266	35775	8.267	ng		92
71) Phenanthrene	17.48	178	339800	11.066	ng		97
72) Anthracene	17.57	178	338407	11.189	ng		95
73) Carbazole	17.83	167	326762	11.282	ng		95
74) Di-n-butylphthalate	18.41	149	397224	10.889	ng	#	96
75) Fluoranthene	19.49	202	420844	11.340	ng		98
77) Benzidine	19.66	184	183494	8.975	ng		98
78) Pyrene	19.84	202	435094	11.137	ng		95
80) Butylbenzylphthalate	20.75	149	161080	9.237	ng		97
81) Benzo(a)anthracene	21.69	228	418273	10.890	ng		97
82) 3,3'-Dichlorobenzidine	21.61	252	150302	9.828	ng		95
83) Chrysene	21.76	228	404880	11.075	ng		94
84) Bis(2-ethylhexyl)phthalate	21.63	149	239534	9.850	ng		96
85) Di-n-octyl phthalate	22.86	149	388613	9.306	ng		98
86) Indeno(1,2,3-cd)pyrene	28.59	276	473887	9.815	ng		100
88) Benzo(b)fluoranthene	23.92	252	430478	10.753	ng		99
89) Benzo(k)fluoranthene	23.98	252	408280	10.880	ng		97
90) Benzo(a)pyrene	24.79	252	391836	10.509	ng		100
91) Dibenzo(a,h)anthracene	28.67	278	386954	10.408	ng		95
92) Benzo(g,h,i)perylene	29.72	276	381700	10.249	ng		99

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

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