Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102119\
Data File : BG043290.D
Acq On : 21 Oct 2019 9:50
Operator : JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
mohammad
10/22/2019 3:28:58 PM

Quant Time: Oct 21 15:24:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 15:08:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	35435	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	142262	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	106624	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	249552	20.00	ng		0.00
76) Chrysene-d12	21.67	240	283686	20.00	ng		0.00
87) Perylene-d12	24.87	264	318115	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	36645	18.46	ng		0.00
7) Phenol-d6	7.20	99	51302	17.94	ng		0.00
23) Nitrobenzene-d5	9.19	82	54685	18.68	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	39889	21.76	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	163733	22.26	ng		0.00
79) Terphenyl-d14	20.01	244	340677	25.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	8340	10.074	ng		91
3) Pyridine	3.91	79	16703	7.174	ng	#	87
4) n-Nitrosodimethylamine	3.81	42	8259	7.376	ng	#	85
6) Aniline	7.35	93	29036	8.412	ng		93
8) 2-Chlorophenol	7.60	128	21677	10.468	ng		93
9) Benzaldehyde	7.17	77	15802	9.044	ng		89
10) Phenol	7.22	94	23646	9.014	ng		97
11) bis(2-Chloroethyl)ether	7.44	93	18773	9.249	ng		87
12) 1,3-Dichlorobenzene	7.91	146	27044	10.238	ng		89
13) 1,4-Dichlorobenzene	8.06	146	26790	10.174	ng		95
14) 1,2-Dichlorobenzene	8.38	146	27681	11.041	ng		96
15) Benzyl Alcohol	8.28	79	15933	7.412	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.55	45	29718	7.624	ng		97
17) 2-Methylphenol	8.48	107	18505	10.081	ng		98
18) Hexachloroethane	9.11	117	9960	10.043	ng		92
19) n-Nitroso-di-n-propylamine	8.83	70	17682	9.418	ng		95
20) 3+4-Methylphenols	8.81	107	24033	9.554	ng		88
22) Acetophenone	8.85	105	35732	9.744	ng	#	96
24) Nitrobenzene	9.23	77	26732	9.575	ng		94
25) Isophorone	9.75	82	50782	9.877	ng		98
26) 2-Nitrophenol	9.95	139	11793	9.923	ng		95
27) 2,4-Dimethylphenol	10.01	122	16783	9.195	ng		94
28) bis(2-Chloroethoxy)methane	10.24	93	27228	9.334	ng		93
29) 2,4-Dichlorophenol	10.50	162	20959	9.233	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	30270	10.326	ng		97
31) Naphthalene	10.88	128	73924	10.556	ng		99
32) Benzoic acid	10.15	122	10366m	7.525	ng		
33) 4-Chloroaniline	11.01	127	28295	9.311	ng	#	94
34) Hexachlorobutadiene	11.17	225	22368	10.191	ng		93
35) Caprolactam	11.75	113	6830	8.532	ng	#	78
36) 4-Chloro-3-methylphenol	12.13	107	23862	9.668	ng		94
37) 2-Methylnaphthalene	12.48	142	56433	10.563	ng		93
38) 1-Methylnaphthalene	12.71	142	54696	10.820	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	39750	9.915	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	15514	6.074	ng		96
43) 2,4,6-Trichlorophenol	13.09	196	22315m	9.510	ng		
44) 2,4,5-Trichlorophenol	13.18	196	20941	8.663	ng	#	92
46) 1,1'-Biphenyl	13.49	154	81738	10.109	ng		98
47) 2-Chloronaphthalene	13.54	162	62009	10.229	ng		98
48) 2-Nitroaniline	13.74	65	15647	7.761	ng		98
49) Acenaphthylene	14.38	152	98764	10.647	ng		95
50) Dimethylphthalate	14.11	163	85827	10.743	ng		98
51) 2,6-Dinitrotoluene	14.22	165	17844	10.488	ng		98
52) Acenaphthene	14.72	154	58083	9.355	ng		96
53) 3-Nitroaniline	14.58	138	14008	7.967	ng		92
54) 2,4-Dinitrophenol	14.77	184	4690m	4.435	ng		
55) Dibenzofuran	15.05	168	99942	10.881	ng		99
56) 4-Nitrophenol	14.91	139	8550m	6.382	ng		
57) 2,4-Dinitrotoluene	15.02	165	24093	9.670	ng	#	97
58) Fluorene	15.70	166	82498	10.520	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	25469	9.896	ng	#	99
60) Diethylphthalate	15.46	149	87108	10.714	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	46908	9.974	ng		94
62) 4-Nitroaniline	15.74	138	14733	7.683	ng		93
63) Azobenzene	15.99	77	69394	9.375	ng		97
65) 4,6-Dinitro-2-methylphenol	15.79	198	12204	8.642	ng		93
66) n-Nitrosodiphenylamine	15.91	169	73192	11.110	ng		98
67) 4-Bromophenyl-phenylether	16.58	248	33700	10.759	ng		95
68) Hexachlorobenzene	16.71	284	40008	11.472	ng		95
69) Atrazine	16.85	200	28834	10.394	ng		93
70) Pentachlorophenol	17.06	266	14371	7.142	ng		93
71) Phenanthrene	17.44	178	133517	10.959	ng		99
72) Anthracene	17.54	178	133781	10.999	ng		96
73) Carbazole	17.81	167	117484	10.416	ng		93
74) Di-n-butylphthalate	18.36	149	146849	10.913	ng		98
75) Fluoranthene	19.45	202	179088	11.113	ng		99
77) Benzidine	19.65	184	64812	9.124	ng		96
78) Pyrene	19.81	202	187215	11.057	ng		97
80) Butylbenzylphthalate	20.70	149	65114	10.131	ng		95
81) Benzo(a)anthracene	21.65	228	184569	10.442	ng		95
82) 3,3'-Dichlorobenzidine	21.57	252	70313	10.142	ng	#	98
83) Chrysene	21.71	228	188423	10.985	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	93475	10.221	ng		99
85) Di-n-octyl phthalate	22.75	149	157343	10.522	ng		100
86) Indeno(1,2,3-cd)pyrene	28.51	276	210964	9.879	ng	#	97
88) Benzo(b)fluoranthene	23.86	252	185767m	10.321	ng		
89) Benzo(k)fluoranthene	23.92	252	191686	10.765	ng		100
90) Benzo(a)pyrene	24.72	252	175511	10.335	ng	#	99
91) Dibenzo(a,h)anthracene	28.58	278	172119	9.884	ng		97
92) Benzo(g,h,i)perylene	29.65	276	175991	10.431	ng		98

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

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