Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042720\
Data File : BG045181.D
Acq On : 27 Apr 2020 16:34
Operator : CG/JU
Sample : L2331-08MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-19AMS

Manual Integrations APPROVED
mohammad
4/28/2020 11:08:02 PM

Quant Time: Apr 28 03:50:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 27 12:48:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	64502	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	255846	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	206806	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	517834	20.00	ng		0.00
76) Chrysene-d12	21.64	240	489763	20.00	ng		0.00
87) Perylene-d12	24.82	264	539993	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	120586	30.86	ng		0.00
7) Phenol-d6	7.16	99	154890	26.68	ng		0.00
23) Nitrobenzene-d5	9.15	82	125401	22.36	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	115835	36.26	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	339192	24.05	ng		0.00
79) Terphenyl-d14	19.99	244	677660	30.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	16303	9.389	ng	#	37
3) Pyridine	3.86	79	18038	3.374	ng	#	92
4) n-Nitrosodimethylamine	3.76	42	16466	10.054	ng	#	97
6) Aniline	7.31	93	47282	6.265	ng		93
8) 2-Chlorophenol	7.56	128	50325	11.985	ng		97
9) Benzaldehyde	7.12	77	27039	2.753	ng		94
10) Phenol	7.19	94	55817	9.609	ng		99
11) bis(2-Chloroethyl)ether	7.40	93	53101	11.482	ng		89
12) 1,3-Dichlorobenzene	7.88	146	56046	11.327	ng		100
13) 1,4-Dichlorobenzene	8.03	146	56230	11.405	ng		96
14) 1,2-Dichlorobenzene	8.35	146	55136	11.689	ng		96
15) Benzyl Alcohol	8.23	79	46826	9.621	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.52	45	46563	10.257	ng		93
17) 2-Methylphenol	8.44	107	42277	9.433	ng		96
18) Hexachloroethane	9.08	117	21444	11.570	ng		83
19) n-Nitroso-di-n-propylamine	8.80	70	44954	10.951	ng		96
20) 3+4-Methylphenols	8.76	107	57395	9.149	ng		93
22) Acetophenone	8.81	105	81489	11.778	ng	#	98
24) Nitrobenzene	9.19	77	66521	11.574	ng		99
25) Isophorone	9.72	82	134784	11.738	ng	#	98
26) 2-Nitrophenol	9.91	139	27529	11.120	ng		98
27) 2,4-Dimethylphenol	9.97	122	47591	12.115	ng		94
28) bis(2-Chloroethoxy)methane	10.20	93	71694	11.883	ng		99
29) 2,4-Dichlorophenol	10.45	162	51678	11.393	ng		98
30) 1,2,4-Trichlorobenzene	10.66	180	61911	12.055	ng		97
31) Naphthalene	10.85	128	166412	11.890	ng		99
32) Benzoic acid	10.06	122	14297	10.281	ng	#	76
33) 4-Chloroaniline	10.96	127	43302	6.634	ng		97
34) Hexachlorobutadiene	11.15	225	42663	12.117	ng		98
35) Caprolactam	11.71	113	15269	8.458	ng		85
36) 4-Chloro-3-methylphenol	12.08	107	66158	12.416	ng		98
37) 2-Methylnaphthalene	12.46	142	133525	12.291	ng		98
38) 1-Methylnaphthalene	12.68	142	131406	12.813	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	74989	11.262	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 27 12:48:53 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	92796	22.297	ng		99
43) 2,4,6-Trichlorophenol	13.07	196	51992	11.064	ng		93
44) 2,4,5-Trichlorophenol	13.14	196	59008	11.031	ng		98
46) 1,1'-Biphenyl	13.47	154	178736	11.371	ng		98
47) 2-Chloronaphthalene	13.51	162	138912	11.566	ng		96
48) 2-Nitroaniline	13.70	65	45058	11.402	ng		93
49) Acenaphthylene	14.35	152	240345	12.285	ng		96
50) Dimethylphthalate	14.08	163	211740	12.574	ng		99
51) 2,6-Dinitrotoluene	14.19	165	43718	11.607	ng	#	91
52) Acenaphthene	14.69	154	174324m	13.170	ng		
53) 3-Nitroaniline	14.53	138	31906	7.724	ng		97
54) 2,4-Dinitrophenol	14.73	184	47066	21.015	ng		95
55) Dibenzofuran	15.03	168	240597	12.467	ng		99
56) 4-Nitrophenol	14.85	139	52891	16.513	ng		93
57) 2,4-Dinitrotoluene	14.99	165	64629	11.742	ng		93
58) Fluorene	15.68	166	202344	12.837	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.26	232	60681	12.749	ng	#	96
60) Diethylphthalate	15.45	149	213899	12.184	ng		98
61) 4-Chlorophenyl-phenylether	15.67	204	106857	11.777	ng		100
62) 4-Nitroaniline	15.69	138	41712	9.735	ng		97
63) Azobenzene	15.97	77	206619	12.765	ng		97
65) 4,6-Dinitro-2-methylphenol	15.76	198	37959	11.152	ng		96
66) n-Nitrosodiphenylamine	15.89	169	178228	11.979	ng		98
67) 4-Bromophenyl-phenylether	16.57	248	77069	11.536	ng		99
68) Hexachlorobenzene	16.69	284	81759	11.800	ng		97
69) Atrazine	16.83	200	75905	10.303	ng		97
70) Pentachlorophenol	17.03	266	86293	20.303	ng		98
71) Phenanthrene	17.42	178	331981	12.476	ng		99
72) Anthracene	17.51	178	348880	13.070	ng		98
73) Carbazole	17.78	167	308633	11.394	ng		97
74) Di-n-butylphthalate	18.35	149	389529	8.254	ng		98
75) Fluoranthene	19.43	202	425719	8.623	ng		96
77) Benzidine	19.61	184	116505	2.602	ng		98
78) Pyrene	19.79	202	430103	12.738	ng		95
80) Butylbenzylphthalate	20.68	149	164584	11.760	ng		97
81) Benzo(a)anthracene	21.62	228	384762	12.121	ng		94
82) 3,3'-Dichlorobenzidine	21.54	252	75927	6.009	ng		95
83) Chrysene	21.69	228	383049	12.559	ng		97
84) Bis(2-ethylhexyl)phthalate	21.54	149	240500	12.494	ng		97
85) Di-n-octyl phthalate	22.75	149	408427	12.270	ng		100
86) Indeno(1,2,3-cd)pyrene	28.42	276	476883	11.777	ng	#	95
88) Benzo(b)fluoranthene	23.82	252	403976	11.943	ng		98
89) Benzo(k)fluoranthene	23.88	252	419569	13.043	ng		93
90) Benzo(a)pyrene	24.67	252	379411	11.880	ng		99
91) Dibenzo(a,h)anthracene	28.49	278	395008	12.275	ng		97
92) Benzo(g,h,i)perylene	29.54	276	397791	12.330	ng	#	95

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

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